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UNIVERSITY OF ILLINOIS

REPORTS

OF THE

PRESIDENT AND FACULTY

1899-1900



WATERVILLE, ME. -
PRINTED AT THE MAIL OFFICE
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Colby College.

THE PRESIDENT'S REPORT.

TO THE TRUSTEES OF COLBY COLLEGE:

My report for the eightieth year of the college, like the three which have immediately preceded it, must begin with a chronicle of death of members of the Board.

Larkin Dunton, LL. D., died at his home in Allston, Massachusetts, October 30, 1899. Dr. Dunton was graduated from this college in 1855. He studied law and was admitted to the Kennebec bar at Augusta. He seems, however, to have been "called" to teach. The law did not attract him, and after some experience in the principalship of the High School in Bath, he committed himself to teaching as his life work. Since 1872 he has been Master of the Boston Normal School, and for nearly half a century he has been a commanding figure among American educators. He was a trustee of the college from 1888 until his death. Colby never had a more loyal son. His absence will long be distinctly felt in the meetings of this Board and in the assemblies of the Alumni, at both of which meetings he was for so long a time a constant and welcome attendant. Services in memory of Dr. Dunton were held, under the direction of the Boston Normal School Association, Saturday, April 28, 1900.

Rev. Charles Veranus Hanson, D. D., died Saturday morning, November 11, 1899, at his home in Atlantic, Mass. Dr. Hanson was a member of the class of 1865. Before entering this college, he had determined to prepare for the Christian ministry, and on completing his undergraduate course, which he did with highest honors, he

entered the Newton Theological Institution. Upon leaving Newton he was called to a pastorate at Peabody, Massachusetts. There he married Sarah A. Libby, who survives him. He held successive pastorates at Damariscotta, Providence, Rhode Island, and Skowhegan. Wherever he has labored Dr. Hanson has commanded the affection and esteem of all in any way associated with him. He represented his city in the State Legislature in 1872-3. Though quiet and unostentatious, it was his habit to identify himself closely with every movement that could promote the public welfare. Since 1883 he has been a member of this Board. Memories of his constant and delightful presence in its meetings, and of his earnest and helpful counsel are fresh and distinct in the mind of each of us.

THE YEAR IN GENERAL.

In general, the college has enjoyed a year of prosperity. Only one serious case of illness has occurred among the students. Staples, of the Freshman class, suffered the loss of his entire first term through an attack of typhoid fever. He was able, however, to take up and carry on his college work at the beginning of the second term. The spirit pervading the college has been excellent. Attendance upon lectures and recitations has been regular, and the work undertaken in the various courses has been well done. I wish especially to commend the work of Dr. Frew, the Director of the gymnasium. It is the judgment of all connected with the college that the department this year has made the best indoor exhibition known in our history. For the first time we have, this year, required the gymnasium work of all the men. The patience and wisdom of the Director have been taxed to adjust this requirement to the physical disabilities, imaginary and other, that such a rule usually develops as grounds of exemption from the requirement. The women of the college have, as last year, been well trained in physical culture by Miss Margaret Koch.

Professor Warren has, as in former years, given courses in Art, as described in his special report. Dr. Black lectured upon Caen, Bayeux, and the Bayeux tapestry. His lecture was illustrated by photographs collected in his journeying in Europe last summer. It is doubtful whether these illustrations could be duplicated at present in this coun-

try. Professor Drisko lectured upon Eclipses. He has also given lectures upon recent developments in Photography. Professor Hall has given a series of lectures upon Books and Libraries.

Other activities than those of the regular courses of study have claimed the attention of our students, occasioning, in the case of a few individuals, a somewhat difficult problem of division of time and strength, but, on the whole, constituting an important element in the education of the student and in the health of the college life. The musical organizations have flourished as, perhaps, never before. They have won praise for themselves and favor for the college by concerts in many parts of the state. The college Dramatic Club has made a very creditable showing. The college publications, conducted by the students, have been maintained at a high pitch of excellence. The inter-collegiate debate laid much extra work upon a few; and while the honors in that debate were not, this year, awarded to our men, they nevertheless acquitted themselves so well as to occasion the judges much perplexity and to prevent a verdict entirely unanimous.

The work of the Christian Associations and of the Bible classes has received earnest attention and has, as in former years, been felt for good in every department. Four classes have met, weekly, for study: The Freshmen, under direction of Mr. C. A. Richardson, 1902, studied the Life of Christ. The Sophomores, taught by Mr. R. A. Bakeman, 1903, studied the Life and Epistles of Paul. The Juniors and Seniors studied Old Testament Characters, under the tuition of Dr. Pepper. Since Dr. Pepper's departure, Mr. Ventres, 1901, has led the class. Dr. Pepper conducted the class in Mission Study during the fall and winter terms. The daily Division prayer meetings have not been as well sustained as last year. In one Division only have they been constantly maintained. This condition seems due, however, to difficulty in finding an hour convenient to many; rather than to indifference.

An effort has been made during this year to extend a knowledge of our life and work more generally in the State, by means of news sheets printed from time to time and sent to the various daily and weekly journals for publication. The editors have been most hospitable to these sheets. It is believed that the printing of college news by our leading papers, is appreciated with interest by the general public, and

that it serves to emphasize the thought of higher education in the minds of the people.

EVENTS.

The regular public class exhibitions have been given. Addresses, mainly upon ethical or religious themes have been made to the students by speakers most of whom were residents in this city. Rev. E. C. Whittemore spoke of the life and work of D. L. Moody. Dr. G. D. B. Pepper, of Martin B. Anderson. Familiar talks were also given by Horace Purinton, Esq., the Rev. George D. Lindsay, Dr. Elisha Gray, the well-known electrician, of Chicago. President Meserve, of Shaw University, and Principal Smiley, of the Hartford Public High School, have made short addresses at morning prayers. Rev. John L. Dearing, of the class of 1884, President of the Baptist Theological Seminary at Yokohama, addressed the college December 7th, on Educational Movements in Japan. Dr. Henry S. Burrage, of Portland, has lectured upon Great Americans whom he has seen and heard and known. Hon. Percival Bonney has lectured upon the United States Senate.

The Day of Prayer for colleges was observed Friday, January 25, by a chapel assembly in the forenoon, with a sermon by the President of the college. In the afternoon a mass-meeting was held. This latter service was exceedingly profitable. Letters were read from the Christian Associations of Amherst, Dartmouth, Williams, Wellesley, Mt. Holyoke, and Smith Colleges, and the University of Maine, detailing the aims and methods of religious work in these colleges. Rev. Mr. Whittemore gave a brief address upon "What the World Expects from the College Student." The Central Maine Theological Circle has continued to hold its regular meetings upon the premises of the college, better accommodations than ever before being afforded by one of the class-rooms in Chemical Hall. The regular Sunday morning services at Ladies' Hall have been continued.

The Chemical Hall was placed at the command of the State Federation of Women's Clubs, in session in Waterville, in October.

The social life of the college has been delightful and helpful. The usual receptions have been given, including the welcome extended by the Christian Associations to new students, at the opening of the year,

that of the ladies of the Faculty households to the Women's Division, and the term receptions to members and friends of the college at the President's house. At the suggestion of Miss Mathews, Dean of the Women's Division, and under her direction, informal afternoon teas have been given monthly, at the women's houses to guests invited from among the members and friends of the college. Early in the year the resident alumnae received the members of the Women's Division at the residence of Mrs. Horace Purinton.

The Mid-Year Conference of your Board was held at Young's Hotel, Boston, on Wednesday, January 31, the Board being the guests of one of their members, Mr. Joseph L. Colby, of Newton Centre. The meeting was one of unusual interest.

The Boston Colby Alumni Association held its nineteenth annual meeting and banquet at the Westminster Hotel, Boston, Feb. 21. The alumnae of the college organized its first association, with a business meeting, a banquet, and speeches at the Parker House, Boston, April 18. This is an event of special interest, occurring twenty-nine years after the college was first opened to women, and in the year that closes the century. With the next anniversary, the college will have graduated 132 women. The fifth annual reunion and banquet of the New York Colby Alumni occurred at the St. Denis Hotel, in New York City, April 20. All of these meetings were occasions of good fellowship, and were profitable to the college. The President attended each of these meetings. Professor Roberts also attended the Boston meeting. Miss Mathews and Professor Hall were present at the meeting of the Alumnae; and Professors Hall and Black, at New York.

The annual meet of ball teams representing our four affiliated academies occurred May 11 and 12. A reception was given to the visiting teams and to the Senior classes of Coburn Classical Institute and the Waterville High School, on the evening of the 11th. Principals Johnson, Sargent, and Foss, and Professor Felch were present. I regard this occasion as one of the most helpful means of keeping the college and its academies in sympathetic touch.

The Commencement anniversaries of last year were of great interest. The addresses of Dr. Spencer, of Skowhegan, and of Dr. Meeser, of Worcester, were most acceptable. The opening of the Alumni Chemical Hall, by a public reception, in the midst of Com-

mencement week, was an event of unusual importance to us. The presence and the oration of Professor Ira Remsen, of Johns Hopkins University, added greatly to the significance and interest of the event. The college was glad to number among its guests the Governor of the State. Governor Powers has shown no more active interest in any of the concerns of the commonwealth than in those represented by the colleges. His presence at each of our Commencements, during his term of office, and his encouraging addresses have been directly helpful to the work we have in hand.

ENROLLMENT.

The number of students enrolled in the current catalogue is 195. This is precisely the number registered for the year before. Of this number 124 are men, 71 women. The Senior classes number, together, 38; the Junior classes, 38; the Sophomore classes, 54; the Freshmen number 51. There are 14 students pursuing special courses. Of the whole number 17 are from Massachusetts, 3 from New Hampshire, 2 from Burma, 1 from Minnesota, 1 from Colorado, 1 from Oregon, 1 from California; the remaining students reside in Maine.

In our four academies the total enrollment is 585. Our system of schools, therefore, has received 780 students during the year. They are sons and daughters of men in every walk of life. They represent the best material in northern New England. The significance of such a group of schools is not to be measured by its geographical remoteness from the great centers of the country. It is, rather, suggested by the fact that after leaving our schools one-half of these students find their homes outside the limits of Maine, and one-third of them beyond New England, and further, that wherever they are found they are among the leaders in social, commercial, and more public life. Institutions with a history such as these and with a present influence so strong and so extensive are surely worthy the attention and beneficence of those who seek to promote higher education.

THE FACULTY.

The officers of the college have done their work faithfully and without serious interruption from illness.

Professor Roberts, of the Department of English, has enjoyed a

year's leave of absence. He has devoted the time to special advanced study at Harvard University. Great advantages will result from this to the department which he has heretofore so efficiently served. During Professor Roberts's absence, the work of the department has been done by Mr. William O. Stevens, a graduate in the class of 1899. Mr. Stevens has done his work to the very great satisfaction of officers and students. On Professor Roberts's return, Mr. Stevens will take up graduate study at Yale University.

Mr. Hedman has spent his year of absence in Paris, in special study of the French language and literature. He will bring back to us, increased ability to serve the college. His department of instruction has been in charge of Mr. F. P. H. Pike, of the class of 1898. Nothing but commendation is to be recorded of his work. The college is exceedingly fortunate in the facts that its officers are disposed to devote an extended period to advanced study, that such a course is found practicable, and that drawing upon our own recent graduates we can fill the places thus temporarily made vacant, without interruption or other disadvantage.

The highest praise must be recorded of the administration of Miss Mathews, the Dean of the Women's Division. Miss Mathews assumed her duties in September, 1899. The affairs of the Division have proceeded with entire harmony throughout the year. In addition to her executive duties, Miss Mathews has given instruction in Rhetoric in the Women's Division and, during the winter term, she instructed the first-year women in Latin.

At the beginning of the year Dr. Hull asked to be relieved of his duties as Professor of Physics that he might accept an appointment at Dartmouth College. This was found to be practicable at the close of the fall term. We were fortunate in being able to secure in his place, Mr. William J. Drisko, a graduate of the Massachusetts Institute of Technology (1895) and for several years an instructor in that institution. Mr. Drisko's connection with us has been a source of great satisfaction to all who have had to do with him. He has proved an efficient teacher and a valuable fellow-counsellor. That his engagement will terminate with the close of this year is due, so far as the college is concerned, only to the fact that the Committee on Professorships had, before Mr. Drisko's engagement, become committed to a different ap-

pointment beginning with the approaching academic year. A recommendation relative to this will be made by your committee.

An event profoundly regretted by every friend of the college was the resignation at the end of the winter term of Dr. George Dana Boardman Pepper. For forty years, with short intervals of interruption, he had been related to the college. He was pastor of the church from 1860 to 1865. He was President of the college from 1882 to 1889. In 1892 he became Professor of Biblical Literature, which chair he occupied at the time of his withdrawal in March, 1900. In this time his son and two daughters have been graduated here. It seems trite, since it is a matter of common knowledge, to record here, that Dr. Pepper's personality and his scholarship are of the rare type that wins and holds the affectionate regard, the confidence, and the admiration of all men. Limit of space will not permit me here to do more than to allude to the incalculable advantage I have enjoyed in his presence here, before and since my term of office. His sympathy, his judgment, and his tact, with his unfailing willingness to render any and every service, have greatly relieved the perplexities and burdens that must be encountered and borne by the executive of the college. Dr. Pepper's name and influence will long be fresh and fragrant about the old college, where it is to be hoped that, in future, his face will often be seen and his voice heard.

THE MATERIAL EQUIPMENT.

One year ago you authorized some alterations in the South College. These were made at a cost considerably less than the sum you appropriated. The public parts of the building were sheathed with hard pine, and windows were provided at the stair landings, making the corridors light, airy, and cheerful. Improvements were made in the reading room and the room of the Young Men's Christian Association. A steam heating plant was installed in South College. Every dormitory room on our campus is now heated by steam. A lavatory, with shower baths and other sanitary conveniences, was provided in the South College. The building is now thoroughly habitable. Your efforts to improve the students' accommodations have been thoroughly appreciated by them. The renovated building has been treated by

them with great care. Its renewal was the occasion of much rejoicing on the part of students returning at the opening of the year, and its present condition has helped to maintain a spirit of cheerfulness and contentment. The new Chemical Hall, first opened for use in September, 1899, has afforded not only entirely adequate lecture room and laboratory facilities for the Department of Chemistry, but with its five splendid class rooms provides for other departments. Beautiful, cheerful, and perfectly adapted to its purposes, the building has proved, both in its specific uses and in its general effect, exceedingly useful and stimulating to the work and the wholesome spirit of the institution. The engineer of the building, Mr. Warner, of the Senior class, has managed his work with great wisdom and skill. He has left with me an elaborate report in regard to the running of the heating and ventilating apparatus, with a statement of the amount of coal consumed. Accessions to the equipment of the Physical Laboratory are enumerated in the report of that department.

The rooms in Coburn Hall, formerly occupied by the department of Chemistry are now devoted to Geology and Biology. The second floor of the building ought now to be restored to its original use as a display room for the large collections now in the possession of the college.

THE COURSES OF STUDY.

This college offers two general courses of study leading respectively to the degrees of B. A. and Ph. B. The differentiation of these courses is based mainly upon the absence of Greek in the requirements for admission to the latter course, and in the course itself. Electives are offered in the first term of the Sophomore year, and thereafter throughout the course. The following table exhibits the courses for the third term of this year. The Roman numerals designate classes: (I Freshman, etc.) Titles in Roman designate classes in the Men's Division; titles in *Italics*, classes in the Women's Division; electives, open to both men and women, are denoted by small capitals. The numerals on the right refer to the courses as described in the catalogue.

Schedule of Lectures and Recitations,

A. M.

	8.00	9.30	10.30	11.30
MONDAY.	II. CHAUCER, 5. 6 I. French, 5	III. PHYS. GEO. 9 III. GERMAN, 9 II. GREEK, 9 I. Latin, 5 I. French, 6	IV. Phys. Training. 5 III. Phys. Training. 5 II. German, 5 II. Expression.	II. FRENCH, 9 I. Expression.
TUESDAY.	IV. GERMAN, 12 III. GREEK, 11 IV. BOTANY, 1 I. Mathematics, 5 I. Latin, 6	III. PHYS. GEO. 9 III. GERMAN, 9 II. CALCULUS, 5 I. Latin, 5	III. AMER. GOV., 7 IV. Phys. Training. 7 III. ENGLISH, 9, 10 II. German, 5 II. Phys. Training. 5 I. Phys. Training.	III. FRENCH REV. 6 IV. LATIN, 9
WEDNESDAY.	IV. GERMAN. 12 III. GREEK, 11 IV. CHAUCER, 5. 6 I. Mathematics, 5 I. Latin, 6	III. PHYS. GEO. 9 II. GREEK, 6 I. French, 6	III. AMER. GOV'T, 7 IV. ENGLISH, 9, 10 IV. German, 5 II. Expression. 5	III. FRENCH REV., 6 IV. FRENCH, 9 I. Expression.
THURSDAY.	IV. GERMAN, 12 III. GREEK, 11 IV. BOTANY, 1 I. French, 5	III. PHYS. GEO. 9 III. GERMAN, 9 II. GREEK, 9 I. Latin, 5 I. French, 6	III. AMER. GOV'T, 7 IV. ENGLISH, 9, 10 IV. German, 5 II. Expression.	III. FRENCH REV., 6 IV. LATIN, 9
FRIDAY.	IV. GERMAN, 12 III. GREEK, 11 IV. BOTANY, 1 I. Mathematics, 5 I. Latin, 6	III. PHYS. GEO. 9 III. GERMAN, 9 II. CALCULUS, 9 I. Latin, 5 I. French, 6	III. AMER. GOV'T, 7 IV. ENGLISH, 9, 10 IV. German, 5 II. Phys. Training. 5 I. Phys. Training.	III. FRENCH REV., 6 IV. LATIN, 9
SAT.	II. CHAUCER, 5. 6 I. Mathematics, 5 I. Latin, 6	II. CALCULUS, 9	IV. Phys. Training.	II. FRENCH. 9

the Spring Term, 1900.

P. M.

	1.30	2.00	3.00	4.00
MONDAY.	IV. Expression. III. Expression.	IV. GEOLOGY, 3 III. CHEMISTRY, 3, 4 II. Physics, 3 II. Physics, 4 I. Greek, 5 IV. FRENCH, 12	IV. Phys. Training. III. Phys. Training. II. Phys. Training. II. German, 6 I. Phys. Training. I. Greek, 6	IV. LATIN, 12 I. Mathematics.
TUESDAY.	IV. Expression. III. Expression.	IV. GEOLOGY, 3 III. CHEMISTRY, 3, 4 II. Physics, 3, 4 I. Greek, 5 IV. FRENCH, 12	IV. Phys. Training. III. Phys. Training. II. Phys. Training. II. German, 6 I. Phys. Training. I. Greek, 6	IV. LATIN, 12 I. Mathematics. II. Physics, 4
WEDNESDAY.				
THURSDAY.	IV. Expression. III. Expression.	IV. GEOLOGY, 3 III. CHEMISTRY, 3, 4 II. Physics, 4 II. Physics, 4 I. Greek, 5 IV. FRENCH, 12	IV. Phys. Training. III. Phys. Training. II. Phys. Training. II. German, 6 I. Phys. Training. I. Greek, 6	IV. LATIN, 12 I. Mathematics.
FRIDAY.	IV. Expression. III. Expression.	IV. GEOLOGY, 3 III. CHEMISTRY, 3, 4 II. Physics, 3 I. Greek, 5 IV. FRENCH, 12	IV. Phys. Training. III. Phys. Training. II. Phys. Training. II. German, 6 I. Phys. Training. I. Greek, 6	IV. LATIN, 12 I. Mathematics. II. Physics, 4
SAT.				

The elective system, if not carefully administered, is attended with obvious risks to the undergraduate. In my report for 1897-8, I defined what it seemed to me our attitude should be in reference to this. I believe that the advisory system outlined below while introducing no new element of control, will prove useful in guarding students from mistakes and in guiding them to a wise selection and co-ordination of studies.

THE ADVISORY SYSTEM.

It has long been felt, by the administrative officers of the college, that there is need here of a system of advisers such as in some form exists in many, if not in most of the colleges and universities of the country. Only a part, and perhaps a small part, of the advantage to be expected relates to selection of studies. The sympathetic regard of individual officers for individual students, their more intimate acquaintance and more frequent intercourse will suggest and create opportunity for conferences about matters of a more personal nature, plans for the future, and the unforeseen situations of daily life in college. The idea contemplated in such a scheme is one of additional advantage and privilege to the student and of added responsibility and duty to the officers of the college. Since such a system is new to us, it will probably not be out of place to point out that the system is intended to be in no way restrictive. Students will be as much at liberty as in the past to ask advice of any officer of the college and to bring personal matters whenever they desire to the President. The plan outlined is as follows :

1. Each student in college shall be assigned by the President to one of the members of the Faculty, who shall act as his advisor.

It is expected that, whenever practicable, the student will be assigned with special reference to the calling which he proposes to follow after graduation. In those cases in which for any reason this is not practicable, the President shall use his discretion in the assignments, taking care, however, to assign to each advisor about the same number of students.

2. The advisor shall act as intermediary between the Faculty and the students assigned to him for advice.

3. It shall be the duty of the advisor to discover the qualifica-

tions and needs of the students under his charge, and to keep himself informed as to their progress in their studies and as to their general, moral, and physical welfare.

4. The student is expected to consult with his advisor from time to time as to his college work and to report his progress in the classroom.

5. At least one week before examinations in each term the student will be expected to submit in person to his advisor his list of proposed electives for the following term for approval.

THE ACADEMIES.

Reference has already been made to the enrollment of our four academies, and to the annual meeting at the college, of their representatives. Visits to these schools have been made, as usual, in the fall and spring terms by officers of the college. Professor Taylor has visited Coburn Institute, Professors Stetson and Marquardt have visited Ricker, Professor Stetson and the President have visited Hebron, the President has visited Higgins. The schools have had a prosperous year, and will send good delegations to the next Freshman class.

The new and magnificent dormitory at Hebron, and the promise of a more adequate equipment at Higgins, are cause for rejoicing. The separation of the Houlton High School from Ricker has not been attended with any serious embarrassment, and seems likely to prove of advantage to all concerned in the change. It is much to be hoped that Ricker may be more largely represented in the college than heretofore, now that its work is less divided than formerly between that of a college preparatory and a general high school. At present the Academies are represented in college as follows: Coburn, 50; Hebron, 21; Higgins, 3; Ricker, 8.

THE FUTURE.

I can hardly state my view of the needs and prospects of the college more exactly than I did in my Report for last year. The list of our specific wants has happily been reduced, but the need of enlargement is no less pressing now than it was then. Indeed every year forces that need more urgently upon us. The number of students seek-

ing college training increases. The sharpest competition exists among colleges, in their efforts to attract students. Only the fittest can hope to survive. Only the fittest ought to survive.

Meanwhile the small college, as a type of institution in distinction from the great university, never, I believe, had clearer assurance of prolonged existence. The function of the college, devoted wholly to undergraduates, is so distinct, and its economic, social, and pedagogic features so obvious and so well adapted to underlie and prepare for graduate or professional work, that it would seem that if "colleges" were not already well scattered over the country it should be the first business of the half-dozen great universities to establish them. This, indeed, has been done in England, as a result of the University Extension movement, emanating from Cambridge and Oxford. American boys and girls must for economic reasons find the college near home. Any other condition would, for the most of them, be prohibitive. These same boys and girls are best made into men and women through the intimate personal contact between student and student, and between student and officer, inevitable in the college. Here, too, in the comparatively small student community, each is compelled to take part in the organic life around him, and to contribute his full share, according to his gifts and abilities, to what makes for the common welfare. Thus the college educates the student in many ways besides those represented directly by "courses of study." From such surroundings and such training as the college affords, the student passes for his graduate or professional study with greatest advantage to the university, in the great metropolitan centre, where for the law students are the courts; for the medical student, the hospital; for the intending preacher, the great pulpits; where there is machinery, architecture, museums, libraries, art, and music. The city is a great collection of laboratories for professional study, technical training, or investigation. There the university belongs, and thither it attracts its best material from the local colleges. "The college makes the iron into steel; the university makes the steel into implements." The enormous development of universities in very recent years, their splendid equipment and their princely endowments, only supply new and more powerful incentives to the colleges to supply the very best undergraduate instruction and training. Institutions of the type represented by the New England

college never had a more distinct reason for existence, never a more distinct function, and never were they under more pressing necessity of cultivating a receptive and open-minded spirit whereby they may perceive and meet the just demands of the time in regard to higher education.

SHORTENING THE COLLEGE COURSE.

A subject certain to make increasing claims upon the attention of American colleges is the shortening the undergraduate course to three years. The enrichment of the secondary, or college-preparatory courses, and the more and more urgent demand for a period of professional study cause young men to ask whether they may not as well step at once from the high school to the professional school. On the other hand the best professional schools are demanding as prerequisite to their courses more extended education than the secondary school affords. All the while the world calls loudly for well trained young men. In the pressure of these circumstances the college course is sure to be shortened. Practically it is already done in several colleges. In some of the best institutions, the bachelor's degree and the professional degree may be gained in six years instead of in seven as heretofore.

Already it is proposed to accomplish this (1) by the college so modifying its senior year that the professional or graduate school will accept that year as one of a three years' graduate course; or (2) by the college allowing the student to pass, at the close of his Junior year, to the graduate school and conferring the bachelor's degree after one year of graduate study. Colleges whose standard of admission is not now as high as the highest, would accomplish this merely by dropping the Freshman year of their course. At Harvard there is reported a growing tendency to crowd the four years' work into three, by regularly electing extra courses. "The student who has done this may then obtain leave of absence for the fourth year, and at its close present himself with his class for the degree." "Taking extra courses," writes Professor Hart, "is therefore a practical method of accomplishing the purpose of the proposed three years' A. B. course." It is, of course, not surprising to read, a little further on, that "objections are made [to this practice] from both sides." I note this impending

change, notwithstanding that I have no recommendation to make, and indeed that, at present, we have nothing to do but to await the course of events. But we should be clearly aware that this change is impending. How, ultimately, it will best be effected, is not yet clear. The way will be evolved out of experience and necessity, and I am satisfied that the result will be a great gain. For with the saving of one year in time and cost we shall have a larger number of men preparing for college, and hence a larger number in college, and hence a larger number of well trained men in the professional schools, and again hence, better men in the professions.

IMMEDIATE NEEDS.

Our needs, as pointed out in my last Report, have been partly supplied. A movement is well advanced, in consequence of which \$75,000 will probably be added to our resources by January 1901. Our dormitories are now in very comfortable condition. I hope you will approve a few slight alterations in Chaplin Hall. The building for the Women's Division has been promised, and many needs are well supplied by the new Chemical Hall. To enumerate our remaining wants is to recite what is already too familiar to you. Strong light is thrown upon the situation by the following facts :

Colby reports a productive property of \$450,000 with an income of \$	35,000
Bowdoin " " "	625,000 " " " 63,000
Williams " " "	1,212,000 " " " 104,000
Amherst " " "	1,500,000 " " " 100,000
Dartmouth, " " "	2,500,000 " " " 120,000

Dartmouth is finding it necessary to raise an additional million during the current year. All the colleges named above are in the same class, and with one exception they are all at this moment drawing upon our own field. The conclusion is obvious. And I have given these figures in order to show the more clearly that my statement of our needs, below, is not suggested by an ambitious or extravagant imagination, but by the situation itself.

For the work we are likely to be called upon to do, we should at the very earliest practicable date add at least five hundred thousand dollars to our resources giving us a round million in place of our pres-

ent property of scarcely half a million. Four hundred thousand dollars should be added to our productive fund. With the income that would thus be assured to us we could strengthen our courses and relieve overburdened professors especially in History, English, and Science; and we could add much needed material to our library and our laboratories. Fifty thousand dollars are required to establish, and adequately to equip and maintain a department of biological instruction. Twenty-five thousand dollars are required to build a modern Recitation Hall. Twenty-five thousand, again, to rebuild our gymnasium, supplying a running gallery, a swimming tank, a floor space clear of posts or roof supports of any kind, and providing separate gymnasium quarters for the women of the college. These matters were dwelt upon more in detail in my report of one year ago. In addition I urge that it be not forgotten that comparatively small gifts may be made most serviceable in the form of a fund for the aid of needy students.

RECOMMENDATIONS.

Toward these ends we must take such steps as we can. I recommend the continuance of our arrangement with Mr. Dutton, as Financial Secretary. I believe that he will be able to carry to a successful issue his attempt to secure subscriptions for \$25,000 from the denomination in this state. The success of our effort to raise \$75,000 is largely dependent upon this. And if the whole amount is secured I am confident that the way will thereby be opened for larger accessions to the funds of the college.

I recommend that the professorship of Biblical Literature, left vacant by Dr. Pepper's resignation be not filled, at present, by a permanent appointment, but that the President be authorized in consultation with the Committee on Professorships to arrange for a course of instruction by a non-resident professor, of such extent and for such period of the year as may seem best.

As already stated, improvements in the South College were made last summer at a cost considerably less than the sum appropriated. I recommend that a few of the less costly features introduced into that building be added to Chaplin Hall. If the corridors could be sheathed in hard pine, and two of the stalls in the toilet room be converted into

shower baths, the comfort and cheerfulness of the inhabitants of that dormitory would be greatly increased. The cost of these alterations should not exceed three hundred and seventy-five dollars.

Some changes are imperatively needed in the gymnasium. In the hope that a new building may be provided before very long, these changes should be as slight in extent and in cost, as possible. At once, however, the old bath-tubs should be taken out and one large shower-bath room be provided by removing the partition between two of the existing small bath-rooms. This would give us, with the two ordinary shower-baths now in use, improved and ample accommodations. The plumbing and carpenter work involved would cost not more than two hundred and seventy-five dollars. I hope you will authorize this work.

In my judgment it would be wise to add to the printed "conditions" upon which scholarships are granted the following: *The student shall, if required, render at most two hours of service each week to the college.* If this were done much inconvenience would be saved in the administrative work of the college, and the beneficiary would have a more adequate sense of the concession granted him, as well as a more wholesome sentiment in accepting it. Most students, I believe, would enjoy such service and in rendering it would feel more closely attached to the college.

Your special committee will make recommendations as to the business referred to it at the winter meeting relating to an additional house for the Women's Division, and to a plan for offering board to students at a reduced rate.

In regard to specific appropriations for the various departments, the course followed during the two years last passed seems to me wisest, namely, that no such appropriations be made, but that the matter of special supplies be left to the Prudential Committee acting upon suggestions from the heads of the departments.

It will be necessary for the Board to fill the vacancies occasioned by the death of Dr. Dunton, and of Dr. Hanson.

At the approaching annual meeting of the Board I shall ask leave to make some supplementary oral recommendations.

A review of the last five years of our history, the period during which alone I have had detailed knowledge of the affairs of the col

lege affords, upon the whole, ground for satisfaction and encouragement, and at the same time incentives for the utmost vigilance and the most strenuous efforts for the strengthening of the college. Our funds have increased, our material equipment has been greatly improved, our courses of study have been rearranged and enlarged, and the spirit pervading the college, and indeed the friends of the college in general, is hopeful and loyal. In every one of these directions, however, we may justly count ourselves "not yet to have apprehended." The condition and amount of our funds may well excite our alarm, much is still to be done to our buildings, and additions are needed in the library and the laboratories. A larger staff of instruction is urgently required, and the loyalty of the children of the College to the Mother, while prerequisite to bringing these things to pass, will be immeasurably stimulated by their gradual and final accomplishment. As the college becomes better and better able to care for undergraduates, and so more and more worthy to enroll the best, increasing numbers of the best will surely be found in its halls. At the end of this its eightieth year, Colby has no need to create for herself a place and a mission. It is ours to see to it that she fills the place already hers, that she meets the demands actually made of her, and so that she perform her mission. For my part I am assured that this work is of God, that it will go on to success, and that either we, or others to whom Providence will assign the task, will speedily see the college resting upon a safe and sure foundation.

Respectfully submitted,

NATHANIEL BUTLER.

REPORT OF THE DEAN OF THE WOMAN'S DIVISION.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

A survey of the Women's Division of the college discovers a generally normal condition. There has been freedom from serious illness, a good interest in study, an enjoyment of social activities and a healthful religious life.

During the year informal addresses have been heard from Mrs. Ellen H. Richards, of the Massachusetts Institute of Technology;

Rev. John L. Dearing, of Yokohama, Japan; Dr. Ida Faye Levering, of Nellore, India; and Miss Katherine P. Crane, a secretary of the International Committee of the Y. W. C. A. In January a musicale was given by Miss Walton and Miss Elsie Walton, of Skowhegan. The women themselves have entertained through their House Teas, which have occurred once a month. The women not in college houses become nominal members of one of these houses for the occasion of these Teas, and invitations are issued by the whole house body to the Faculty and their wives, the men of the college and a few invited guests. The invitations have been so managed that in the course of the year every college man has been invited once to each of the three houses and the women have each had three opportunities to act as hostesses. The girls of the graduating classes in the Waterville High School and Coburn Classical Institute have also been tendered a reception at which all greatly enjoyed delightful readings by Miss Hortense Lowe.

The Young Women's Christian Association has been of great benefit in the development of the students. The prayer meetings have been constantly helpful. Bible Classes have met Sunday mornings in each of the three college houses and have used Sharmon's "Studies in the Life of Christ" under the guidance of a student leader. Occasional union meetings of the Bible Classes have been held, at which addresses have been given by members of the Faculty, Dr. A. T. Dunn, and Miss Crane. During part of the winter a Mission Study Class met with Mrs. Elizabeth P. Foster to learn about Japan. The women have sent a special contribution to the Indian Famine Relief Fund; and the Y. M. C. A. and Y. W. C. A. together have supported a student in the Baptist Theological Seminary, Yokohama, Japan. Enough money has been raised to send seven delegates to the Northfield Y. W. C. A. Conference. But best of all, to some of the students, the Christian life has become a deeper reality.

A new indication of the loyalty of Colby women was shown in the meeting and dinner of the Colby Alumnae Association of Boston, April 18th, where the value of the college to the women now graduates was highly spoken of. College spirit among the alumnae had been felt earlier in the year at Ladies' Hall, to which the alumnae sent a new desk for the study and lace curtains for the parlor. Their interest is

seen further in the plans to bring together the graduate and undergraduate women by an informal supper at Commencement.

The greatest immediate problem confronting the Women's Division is in connection with the residence of students. Of the 71 women registered in the college, 4 are in non-attendance this year, 34 are in college houses, 17 with relatives and 16 are boarding independently. The conditions indicated to you at your winter meeting make more and more evident the desirability of having all the women in college houses and increase the need of another house. At the time of writing no house has yet been found available by your committee, so my suggestions must be conditional.

If a house should be obtained near Ladies' Hall the residents there, in accordance with an important regulation of the college, would be expected to board at Ladies' Hall. This additional number would exceed the capacity of the dining-room; therefore, in case a house near Ladies' Hall is obtained it will be necessary to enlarge the rear of Ladies' Hall to give the proper space for the dining-room and basement kitchen.

Should the first condition be unfulfilled, it would seem best to secure a house elsewhere. With a house at some distance it would be impossible for the women to come to the Hall for meals; therefore, the nearest approach to our desires would be the establishment of a new household with separate dining arrangements under the direction of the one in charge of the dining-room at Ladies' Hall. It is believed that the details could be satisfactorily arranged with a result not ideal, but far better than the present scattered conditions of living.

The now existing need for adequate accommodations for the women of the college is not likely to be overstated. If the present and future women of Colby are to reach the standard, high, but possible for them, they must have the benefits to be derived from life in college houses.

Respectfully submitted,

GRACE E. MATHEWS.

Department Reports.

PHILOSOPHY.

I.	PSYCHOLOGY,	The President.
II.	HISTORY OF PHILOSOPHY,	Dr. Pepper.
III.	LOGIC,	Dr. Pepper.
IV.	ETHICS,	Dr. Pepper.

I

TO THE TRUSTEES OF COLBY COLLEGE:

The plan of our courses allows us to devote only one term, and that in the Senior year, to the study of Psychology. The work is required of all seniors.

The attempt is made continually to draw material for study and discussion from observation and experience, and from current and general literature. All this is supplementary to the study of the subject as presented in Professor James's *Briefer Course*. This text still holds, in my judgment, its place as easily first among extant books for the student, on this subject. The fine collection of casts and the splendid Auzoux brain model owned by the college are freely used, and a human brain, the gift of Dr. Alfred King, of Portland, (Colby '83) is carefully studied.

The aim of the course is to enable the student to grasp the great fundamentals of psychological doctrine, as set forth in the brilliant and increasing light of modern research, and to appreciate the vital relations of these fundamentals to education, self-culture, social life, and religion. Five hours a week for the Fall term is sufficient only to introduce the student to the subject. This can accomplish for him little more than to set him in intelligent relation to it and arouse in him a desire and purpose to pursue it further as a university subject,

or in private study. This, of course, is no mean result, yet I still entertain the hope that the way will open before long for providing at least an elective additional course for those who desire it.

NATHANIEL BUTLER.

II—IV.

TO THE PRESIDENT OF COLBY COLLEGE:

In the first term the work offered in Philosophy was elected by only two students, and was therefore omitted, as these men found it practicable to elect other work which was satisfactory to them.

As in previous years I taught in the winter term the class in Ethics, a required study for Seniors. Mackenzie's Ethics was used as a text-book, furnishing a basis for daily discussion and exposition. There was manifested a gratifying interest in the study and the progress made was commendable. It was a great pleasure to meet the class daily. The articles prepared on assigned subjects gave evidence of careful investigation of the subjects, and pains-taking preparation.

GEORGE D. B. PEPPER.

GREEK.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

The work done in the department of Greek during the last academic year may be summarized as follows:

FIRST TERM.

1. Freshmen men, prescribed work,	4	hours	weekly.	
2. Freshmen women, " " "	4	"	"	
3. Sophomores, elective " "	3	"	"	
4. Juniors " " "	4	"	"	
No. of students in course 3,	.	.	.	22
" " " " " 4,	.	.	.	8
" " hours per week,	.	.	.	15

SECOND TERM.

1. Freshmen men, prescribed work,	4 hours weekly.	
2. Freshmen women, “ “	4 “ “	
3. Sophomores, elective “	3 “ “	
4. Seniors, “ “	4 “ “	
No. of students in course 3,		30
“ “ “ “ “ 4,		12
“ “ hours per week,		15

THIRD TERM.

1. Freshmen men, prescribed work,	4 hours weekly.	
2. Freshmen women, “ “	4 “ “	
3. Sophomores, elective, “	3 “ “	
4. Juniors, “ “	4 “ “	
No. of students in course 3,		22
“ “ “ “ “ 4,		15
“ “ hours per week,		15

During the year in the capacity of examiner I have visited Hebron Academy, and Ricker Classical Institute, both of which institutions I found in prosperous condition.

Respectfully submitted,

CARLTON B. STETSON.

LATIN.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

I beg leave to present the following report of this department for the academic year just closed.

1. *Freshman Year.* Men's Division. Three terms, four periods a week in each. Courses 1, 3 and 5.

Freshman Year. Women's Division. Three terms, four periods a week each. Courses 2, 4 and 6.

The method employed included, as usual, in addition to a critical study of the text, review work in grammar, and blackboard exercises in composition.

It may be worthy of remark that from year to year the necessity increases of varying essentially the character and amount of work required of the Men's and the Women's Divisions respectively in the Freshman year, a fact that further complicates the difficulties and embarrassment attendant upon the present practice of uniting the two Divisions in the elections of the Sophomore year.

3. *Sophomore Year.* Both Divisions, associated in one class in electives throughout the three terms. Courses 7, 8 and 9. Three periods weekly.

4. *Sophomore Year.* A course of lectures on the Aryan and Semitic Languages, for both divisions of the entire class. One period a week during the fall term.

Course 7, in Pliny's Letters, was this year elected by a class of thirty of whom sixteen were young men and fourteen young women; Course 8, Satires of Horace and the De Amicitia, by a class of twenty-one, eleven men and ten women; and Course 9, in Quintilian, by a class of thirteen men and seven women.

5. *Junior Year.* The only Latin elective offered this year, Course 10, in the Epistles of Horace and the Andria of Terence was taken by a class of three, two young men and one young lady.

6. *Senior Year.* Two Courses, 11 and 12, were offered as electives, one in the fall term and one in the spring. Course 11 was taken by a class of five, four from the Women's Division and one from the Men's. Course 12, limited exclusively to those wishing to fit themselves for teaching, was elected by seven men and sixteen young women.

The authors included under the different courses were: Prose: Livy, Tacitus, Pliny the Younger, Cicero, Quintilian. Poetry: Horace, Terence, Catullus, Lucretius, Tibullus, Propertius, Lucan, Virgil.

During the second term Miss Mathews kindly consented to assume the charge of the Young Women's Division of the Freshman class, and her efficient and highly appreciated services are deserving of cordial acknowledgement. With this exception all the courses have been conducted by myself.

Respectfully submitted,

JULIAN D. TAYLOR.

MATHEMATICS AND ART.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

The following tabular statement of courses for the academic year 1899-1900 is respectfully submitted:

FIRST TERM.

Solid Geometry,	. . .	4 hours per week.
Women in the same,	. .	4 “ “
Analytic Geometry,	. . .	3 “ “

SECOND TERM.

Algebra,	. . .	4 hours per week.
Women in the same,	. .	4 “ “
Differential Calculus,	. . .	3 “ “

THIRD TERM.

Plane Trigonometry,	. . .	4 hours per week.
Women in the same,	. .	4 “ “
Integral Calculus,	. . .	3 “ “

In art sixteen lectures have been given illustrated with stereopticon views or with photographs.

Dr. Black favored the students in the art course with an interesting lecture on the Bayeux Tapestry.

It is inexpedient to continue the art lectures unless additional means be furnished for the use of the stereopticon and for the illustration of new lectures.

Respectfully submitted,

LABAN E. WARREN.

CHEMISTRY.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

The following report shows, in tabular form, the classes under my instruction during the college year, 1899-1900, with the studies and the number of hours per week devoted to each:

FIRST TERM.

General Chemistry, (Juniors,)

Lectures, ...	2 hours a week.
Recitations, Men, ...	2 " "
" Women, ...	3 " "

SECOND TERM.

Advanced Physiology, (Juniors,)

Recitations, Men, ...	4 hours a week.
" Women, ...	4 " "

THIRD TERM.

Laboratory Work in Chemistry,

Juniors, ...	10 hours a week.
Seniors, (8 weeks.)	12 " "

Respectfully submitted,

WILLIAM ELDER.

ENGLISH.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

The work in the department of English during the past year has been conducted as far as possible according to the methods used by Professor Roberts.

COMPOSITION AND RHETORIC.

The required course in Rhetoric for Sophomores covers two terms. In the fall term essays are written every day, five days in the week.

Some of these essays are read and criticized before the class and all are corrected and handed back. At the opening of each exercise some common error, or some principle of good writing, is discussed and illustrated. In this way the student learns to write by writing and gets the first principles of rhetoric by experimenting rather than from a text-book.

To relieve the mental staleness that follows constant essay writing, the last three weeks of the term are spent in the study of Hamlet and Macbeth, in which the reading of the text is varied with the writing of character-sketches and reviews.

In the winter term more attention is paid to the theory of composition by the study of Genung's Rhetoric. The practical application of the theory is studied in a companion text-book, by the same author, the Handbook of Rhetorical Analysis.

MIDDLE ENGLISH.

An elective course in Chaucer was offered to the Sophomores in the spring term in place of Anglo Saxon. In this course the Prolog and several of the Canterbury Tales are read, and by lectures the history of English Literature is covered from Beowulf to the Faerie Queene. In addition to the study of Chaucer some book of this period is assigned to each student and reported upon before the class. This course serves as a preparation for the course in English Literature in the Junior Year.

ENGLISH LITERATURE.

An elective course for Juniors and Seniors is given throughout the year. No text-book is used, the plan is to bring students into first-hand contact with the best books and to encourage independent thought and criticism.

At the opening of a term the leading part of a period is singled out for study, later, the work consists entirely of individual reports, given before the class, made upon other writers of the same period. The books are taken from the library and an assignment is made to each member of the class every other day. In this way a student reads a great deal of the best literature and learns to comment intelligently on what he reads.

The class meets four times a week for informal lectures, discussions, and reports.

The department is indebted to President Butler for a lecture on the "Study of Shakespeare" given before the Shakespeare class, and also for a lecture on the "History of the English Language" given before the class in Chaucer.

ELOCUTION.

The public exhibitions of the college have been held this year as usual. The drilling of the speakers concerned in these exhibitions exhausts an immense amount of time and patience.

The following is a tabulated statement of the courses already described:

FIRST TERM.

English Composition, ...	5 hours per week.
Wordsworth and his Contemporaries, ...	4 hours per week.

SECOND TERM.

Rhetoric, ...	4 hours per week.
Milton and the Classic Age, ...	4 hours per week.

THIRD TERM.

Chaucer, ...	3 hours per week.
1st half. Tennyson and Browning, ...	4 hours per week.
2nd half. American Literature, ...	4 hours per week.

Respectfully submitted,

WILLIAM O. STEVENS.

MODERN LANGUAGES.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

With the exception of an elective course in German, of four hours per week, for the Senior class and an elective course in French of three hours per week for the Sophomore class, which have been

added to the courses of study at Colby, the work in my department has been substantially like the work which I outlined in my report of last year. As Mr. Pike has devoted his whole time to the French and German, the two additional courses have given me no extra work. Mr. Pike has taught the Sophomore and Freshman classes in French and one division of the Sophomore class in German, while the Senior class in French, the Senior and Junior classes in German and one division of the Sophomore class in German have been under my instruction. I am glad to state that Mr. Pike has done very efficient service.

The courses under my instruction have been as follows :

I. An elective course in French, of four hours per week, has been given to from 15 to 20 Seniors throughout the year. The following books have been used :

1. Aubert's *Littérature Française*, Deuxième Année.
2. Feuillet's *Charybde et Scylla*.
3. Augier's *Le Gendre de M. Poirier*.
4. Rostand's *Cyrano de Bergerac*.
5. Victor Hugo's *La Chute*.
6. Michelet's *La Prise de la Bastille*.
7. Racine's *Athalie*.
8. Hennequin's *Idiomatic French*.

II. An elective course in German, of four hours per week, has been given to 6-12 members of the Senior class throughout the year. The following books have been used :

1. Ranke's *Kaiserwahl Karl's V.*
2. Gustav Freytag's *Die Journalisten*.
3. Schiller's *Maria Stuart*.
4. Goethe's *Faust*, I Theil.
5. v. Jagemann's *Composition*. Pages 52-85.
6. Keller's *First Year in German* (as a review and to make the students acquainted with one more method.)

7. Keller's *Second Year in German* (for the same purpose.)

III. An elective course in German of four hours per week has been given to 15-20 members of the Junior class throughout the year. The following books have been used :

1. *Methode Berlitz*, Zweites Buch.

2. Goethe's Hermann und Dorothea.
5. Gustav Freytag's Aus dem Staat Friedrichs des Grossen.
6. Klenze's Deutsche Gedichte.
7. v. Jagemann's German Prose Composition.

IV. A required course in German, of three to four hours per week, has been given to the men of the Sophomore class throughout the year. During the fall and winter terms I have taught the men and during the spring term the women. The following books have been used :

1. Whitney's German Grammar.
2. Joynes' German Reader.
3. Bernhardt's Im Zwielficht.
4. Storm's Immensee.
5. Stoekl's Alle fuenf.
6. Zschokke's Der zerbrochene Krug.
7. Stein's German Exercises.

The work of the department may be shown at a glance as follows :

FIRST TERM.

French,	.	.	.	.	4 hours per week.
German,	.	.	.	.	4 hours per week.
German,	.	.	.	.	4 hours per week.
German,	.	.	.	.	4 hours per week.

SECOND TERM.

French,	.	.	.	.	4 hours per week.
German,	.	.	.	.	4 hours per week.
German,	.	.	.	.	4 hours per week.
German,	.	.	.	.	3 hours per week.

THIRD TERM.

French,	.	.	.	.	4 hours per week.
German,	.	.	.	.	4 hours per week.
German,	.	.	.	.	4 hours per week.
German,	.	.	.	.	4 hours per week.

Respectfully submitted,

ANTON MARQUARDT.

MISS MATHEWS.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

The courses in English required of the Sophomore women have in general outline followed the plan of the work given in preceding years.

During the first term no text book in Rhetoric was used; the method was that of constant writing by the students with criticism individually and in class. The structure of paragraphs and the essentials of good description and narration were the chief subjects of study. In connection with the regularly assigned work each student was expected to be reading some book by an approved writer of description or narration, more for the sake of general stimulus and broadening effect than for definite rhetorical results. At the end of every two weeks an outline of the work was handed in and throughout the course this reading formed a basis for reference to the style of different authors. The last four weeks of the term were devoted to character studies and plot development in two of Shakespeare's plays. At one meeting of the class a lecture on "Julius Caesar" was given by President Butler.

Genung's Practical Rhetoric and a "Handbook of Rhetorical Analysis" by the same author were used in the winter term. The study of description and narration was continued with a consideration of the principles of exposition and argumentation. Through the textbooks the students were enabled to understand better what scholars have found to be the foundations of good writing and to see these qualities in the works of successful writers; while by their own efforts for clear statements in recitation and by their practice in writing it is hoped that they made some progress towards greater power in every kind of expression.

The following courses have constituted my work in teaching:

FIRST TERM.

2, English Composition, . . . 5 hours per week.

SECOND TERM.

4, Literary Invention, . . . 4 hours per week.

4, Germania and Agricola of Tacitus, 4 hours per week.

Respectfully submitted,

GRACE E. MATHEWS.

MR PIKE.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

The classes assigned to me, and the books used during the year, are as follows:

I. An elective course in French for Sophomore men and women.

The following books have been used:

1. Whitney's French Grammar.
2. Mlle. de la Seiglière by Sandeau.
3. Halevy's L' Abbé Constantin with composition based upon it.
3. Bataille de Dames by Scribe.
4. Drill Book B.
5. Andromaque by Racine.
6. Daudet's La Belle-Nivernaise with composition based upon it.

II. The Sophomore women in the first two terms and the men in the third term in a course in required German. The books used are:

1. Whitney's German Grammar.
2. Joynes' German Reader.
3. Bernhardt's Im Zwielficht.
4. Storm's Immensee.
5. Stein's German Exercises.
6. von Eschstruth's Hundert Schimmel.
7. Stoekl's Alle fuenf.
8. Poems and conversation.

III. A course in required French for the men of the Freshman class throughout the year, using the following books:

1. Whitney's Grammar.
2. Erckmann-Chatrian's Madame Thérèse.
3. Victor Hugo's Hernani.
4. Peiffer's Progressive Drill-Book A.

IV. The same course as the one last mentioned for the Freshman women.

The following table shows the courses and hours in each term:

FIRST TERM.

1. French,	3 hours per week.	Total hours, 33
2. French,	3 " " "	" " 31

7. French,	3 hours per week.	Total hours, 32
2. German,	3 " " "	" " 33

SECOND TERM.

3. French,	3 hours per week.	Total hours, 30
4. French,	3 " " "	" " 30
8. French,	3 " " "	" " 30
4. German,	3 " " "	" " 30

THIRD TERM.

5. French,	3 hours per week.	Total hours, 33
6. French,	3 " " "	" " 34
9. French,	3 " " "	" " 33
5. German,	4 " " "	" " 43

Respectfully submitted,

FRED P. H. PIKE.

PHYSICS AND ASTRONOMY.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

I beg leave to submit my report for the Autumn term of the year 1899.

A course of experimental lectures and recitations was elected by a class of fourteen Juniors. The ground covered was Sound, Light and Electricity. The course in General Astronomy was elected by seven Seniors. Not only was the ordinary work in General Astronomy covered but a good deal of observation and experimental work was performed by the students.

Special experimental lectures were given on Color Photography, Wireless Telegraphy and Roentgen Rays. The work of the term may be scheduled as follows:

General Astronomy,	. . .	5 hours per week.
Physics—Sound, Light, Electricity,		5 hours per week.

Respectfully submitted,

G. F. HULL.

PROFESSOR DRISKO.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

The statement of the work done in the Physical Department during the Winter and Spring terms is as follows:

WINTER TERM.

- | | | |
|-----------------------|-------|-------------------|
| 1. Physics, requiring | . . . | 3 hours per week. |
| 2. Physics, requiring | . . . | 3 hours per week. |
| 5. Physics, requiring | . . . | 8 hours per week. |

SPRING TERM.

- | | | |
|-----------------------|-------|-------------------|
| 3. Physics, requiring | . . . | 4 hours per week. |
| 4. Physics, requiring | . . . | 4 hours per week. |

Courses 1, 2, 3 and 4 are the required Sophomore courses. The work given in them includes the elementary parts of the Mechanics of Solids, Liquids and Gases; Heat; Electricity and Magnetism; Wave Motion and Optics. The subjects have been taught by lectures, recitations, written work and the solution of illustrative problems. The aim has been first, mental development, and second, knowledge of facts.

The elective, Physics 5, which is a laboratory course, has been accompanied by informal talks on general laboratory methods and the interpretation of results, and also by written abstracts of outside reading.

The aim has been to give the student an acquaintance with experimental science and laboratory methods of studying physical laws, and also with the necessary inductive thinking which should follow such investigation. As far as possible the work has been made that of individual study.

The writer has felt seriously handicapped both in laboratory and lecture work for want of satisfactory apparatus of an elementary character for illustrating, quantitatively as well as qualitatively, general laws and phenomena. Although there have been added to our collection during the present year, several pieces of apparatus, viz., a standard thermometer, four laboratory thermometers, a pair of tuning forks to be driven electrically and a spectro-goniometer for index of refraction and wave length measurement, a large part of our apparatus is not modern and moreover is in a very bad state of repair.

Since the proper study of Science stimulates the habit and power of observation, increases ones capacity for clear and logical thinking, demands exact yet concise expression and gives the ability to make nice differentiations, it is generally recognized as one of the best means of developing the mind. Without proper apparatus, models and diagrams the accomplishment of such results is difficult, and unless students can be made to realize the rigid exactness of the laws of Nature and our means of arriving at such knowledge Science must be regarded by them as a mere collection of dry facts, isolated phenomena and crude guesses.

I therefore earnestly recommend that to the small collection of tools for wood working now available, should be added a small lathe with the necessary tools for metal working. The advantage would be twofold, first, to enable the officer in charge to construct, repair and set up apparatus for experimental demonstration and research work, and second, to give to those students taking advanced work an opportunity to acquire a sufficient familiarity with tools to enable them to devise and construct such apparatus as may be required in their future work either in teaching or in purely scientific pursuits.

Respectfully submitted,

WILLIAM J. DRISKO.

HISTORY AND POLITICAL ECONOMY.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

The current year in this department of the College has been marked by satisfactory progress in carrying forward the aims and methods of study in Historical and Political Science.

The courses were given as announced in the catalogue of 1899-1900, with two exceptions. The advanced course in Money and Banking for Seniors was substituted in place of the elementary course in Political Economy. The object of this substitution being twofold, a request for the former course from a number of Seniors coupled with the fact that they had had the preliminary Political Economy as a required study in their Junior year. Henceforth Political Economy will

be offered as an elective for Juniors and Seniors regularly in the Fall term.

The second change was the substitution of American Colonial History in the Winter term in place of The French Revolution, and the transfer of the latter course to the Spring term.

The methods followed in these courses are already mentioned in the current catalogue. Manuals are used in all the courses to serve as a skeleton of the work pursued. Additional reading in other authorities is assigned, reviews and researches are given, the preparation of bibliographies upon assigned topics required, digests of readings, and these are accompanied with quizzes, written tests, and discussions.

The object is to stimulate the activity of the student, encourage him to exercise his thinking power, and inspire and show him how to use his mental resources to the best advantage. Advice and direction outside of the class-room are constantly given to this end. In the advanced courses more is expected of the maturer student and the method and amount of work are gauged accordingly.

The following is a statement in tabular form of the courses given during the current year :

FALL TERM.

	Hours per week.	Men.	Women.	Total.
History—Mediæval Europe, (elective for Juniors and Seniors,)	4	15	3	18
Advanced Political Economy — Money and Banking, (elective for Seniors,) .	4	9	1	10

WINTER TERM.

American Colonial and Institutional History, (elective for Seniors and Juniors,)	4	26	14	40
Practical Sociology, (elective for Seniors)	4	8	5	13

SPRING TERM.

American Government, (elective for Seniors and Juniors,)	4	29	8	37
History—French Revolution, (elective for Juniors and Seniors,)	4	27	12	39

Attention is called to the fact that the Department now offers eight courses in History and three in Economics and Sociology. As the work is confined to the Junior and Senior classes, the majority of the courses have been arranged in cycles of two years, that is, grouped in a series of alternating courses, open alike to Seniors and Juniors, in order to afford the members of both classes the greatest possible opportunity of election in these subjects.

The change from a two-hour to a four-hour course in Practical Sociology has proven wise, and has greatly improved the range and thoroughness of the ground covered in that important study. Considerable attention is given to researches by the students upon various social problems. Besides the recitations and discussions, the members of this course are called upon, as they are also quite frequently in other courses, to present before the class reports upon their investigations. In criticism upon these reports attention is paid chiefly to subject matter, but incidentally also to style of presentation and correctness of form and expression.

During the past year there have been added to the equipment of the Department 226 European photographs purchased abroad last summer, besides facsimile reproductions of the Domesday book, Magna Charta, Charter of Edward the Confessor, Seals of the German States, the Bayeux Tapestry, and a few other things of lesser importance.

The following books have also been added to Department Library : Bryce's South Africa, Fiske's Old Virginia, 2 vols. and Dutch Colonies, 2 vols., Eaton's Government of Municipalities, Flint's Tramps, Gunton's Trusts, Ely's Monopolies, Fitzpatrick's Transvaal, C. Barton's Red Cross, Cook's Story of Rouen, and several periodicals.

These purchases were made out of a fund of \$248.00 contributed during the past two years by the students of the Department; and there remains on hand at the present moment a balance of \$93.00 which will shortly be expended in payment for much needed books and maps to be ordered for the Department.

The needs of the Department are many and pressing. Some of them were indicated in the Reports of the two preceding years, and just as soon as the financial condition of the college warrants, I shall continue to advocate them with increasing fervor. Above all things, our Library must be strengthened. New shelving is needed to exhibit

and protect the historical relics committed to our care a short time ago by the State of Maine. These relics still remain in their original packing cases, for want of such provision, though they are needed as an aid to our work.

I have delivered several lectures during the year, and have attended the sessions of the American Historical Association in Boston, and other meetings.

Respectfully submitted,

J. WM. BLACK.

MINERALOGY AND GEOLOGY.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

The work in the department under my charge has proceeded without important variation as reported last year. There has been a change in the order of the courses in Mineralogy and Physical Geography, and as a result of this change the last named course has been given twice during the past year, once to the Seniors and once to the Juniors. Mineralogy has not been offered. It was given twice in the preceding year. The work has been much hampered by lack of illustrative class material in some lines. In former years when an appropriation was available for the purchase of class material a good start was made in the collection of such material, but at the time the appropriations ceased the purchase of specimens was stopped, leaving gaps in the collections that should be filled at the earliest possible moment.

The following table contains the names of the courses given during the year and the number of hours per week allotted to each:

FIRST TERM.

Physical Geography,	. . .	4 hours per week.
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SECOND TERM.

Inorganic Geology,	. . .	4 hours per week.
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THIRD TERM.

Organic Geology,	. . .	5 hours per week.
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Physical Geography,	. . .	4 hours per week.
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Botany,		4 hours per week.
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The number of students in the several classes was as follows: Physical Geography, Seniors, 10, Juniors, 16; Inorganic Geology, Seniors, 9; Organic Geology, Seniors, 6; Botany, Juniors, 3, Sophomores, 24.

During the year the Geological and Biological work has been transferred from the temporary quarters provided some years ago on the second floor of Coburn Hall to the rooms on the first floor vacated by Chemistry. The old Chemical Laboratory is now occupied during two terms by the classes in Biology, for which it is fairly well adapted. The other three rooms are devoted to Geology and Mineralogy. The rooms have all been cleaned and brightened up by kalsomining. They are much more conveniently arranged for the purposes to which they are put than the old quarters on the upper floor. A serious objection to their use for any purpose, however, is the fact that there is no drainage of any kind to Coburn Hall. All the sinks empty into open collecting basins in the cellar. All the organic matter that finds its way into the sinks of the Biological laboratory remains in these basins until it decomposes, and thus affords excellent breeding places for disease and other bacteria. Probably the only reason that disease has not spread from this building during the twenty years or more it has been used is the fact that the acids drained from the sinks in the Chemical laboratories have been in sufficient quantity to prevent the growth of the disease germs. Now that the rooms are no longer used for classes in Chemistry the necessity for remedying the conditions as to drainage must be apparent to everyone.

The rooms formerly occupied by the department for class work are now available for the use for which it was originally intended. By the removal of the partition and false ceiling the room will be transformed into an excellent hall in which a good museum may be installed. That the college should possess a museum of some kind admits of no doubt. A good deal of excellent material in Geology, Mineralogy, and Biology is already in shape for exhibition. For a comparatively small sum of money the shells might be arranged into a systematic conchological collection of no mean value. It would seem that a museum ought to be begun at once. Before a beginning can be made, however, cases must be provided for the installation of such specimens as we already possess. The wall-cases now in the room

are crowded to such an extent that it is impossible to make a place for the systematic arrangement of a collection even on a small scale.

Before concluding attention must again be called to the fact that the library is deficient in recent books on topics in Physical Geography, Geology, and Mineralogy. It is inadvisable to refer students to the ancient works on scientific subjects, with which the library is well equipped. It is hoped that during the next year a small number of the most important treatises in Geology, Meteorology, Physical Geography, and Mineralogy may be provided for the use of the students.

Respectfully submitted,

W. S. BAYLEY.

ZOOLOGY.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

The course in Zoology extended through the Fall and Winter terms. It was open to both Seniors and Juniors, but on account of the limited laboratory space and the lack of adequate equipment the electives were limited to students who contemplate studying medicine or entering some scientific pursuit. The number of students who followed the course was twelve, of whom eight were Juniors and four Seniors.

The first term was devoted to invertebrate work, the second to vertebrate work. Each student was provided with specimens representing the different forms of life, which he was required to dissect and report upon by means of drawings and written descriptions. The laboratory work occupied six hours per week. One hour weekly was devoted to a quiz on the results of the dissections and upon certain assigned portions of a text-book bearing upon the structure and relations of the animals dissected during the preceding week.

In addition to the class-room work each member of the class was required to present an article on some subject requiring original investigation. These subjects were: Corals and Their Work, Mimicry in Animals, Bacteria and Their Economic Value, Development of the

Cell, Phylogeny and Ontogeny, Evidences of Evolution in our Course in Zoology, Analogy and Homology, Animal Industries, Instinct, Animal Intelligence, and Economy in Reproduction. Many of the articles showed careful and painstaking work.

Written examinations were required every two weeks.

Several of the students did much more than the amount of work required of the class and all showed great interest in it. Packard's Advanced Course in Zoology was the text-book used, and Bumpus's Laboratory Guide was the basis of the laboratory work.

It need hardly be stated that the equipment of the Department is woefully lacking. During the year there were added to the apparatus for laboratory use, seven compound microscopes and twelve dissecting microscopes, besides a number of smaller instruments of various kinds. Several working models for class demonstration were also obtained, and a few prepared specimens of invertebrates. All of these were purchased from the funds appropriated for the department. There have also been received by gift a well mounted human skeleton, four series of Morphological specimens, and several specimens for the museum.

Many more specimens should be added to the museum. Now that there is abundant room for the display of museum material the cases necessary to hold such material should be provided. Many of the huge gaps now existing in the systematic collections might easily be filled without cost to the college if case-room were available. Other specimens should be purchased at the earliest moment practicable. We should obtain at once at least a fairly complete collection illustrating the main types of animals, excluding for the present all abnormal forms.

Probably the greatest needs of the Department are modern reference books, more microscopes and microscopical models.

During the year two rooms formerly occupied as the chemical laboratory were cleaned up and transformed into a laboratory for the Zoological work. Much needed room and better light than that afforded by the old quarters were obtained. In order, however, that these rooms may be fairly well adapted to the use to which they are put, the partition joining them should be removed, abundant black-board room should be provided, and above all, the sinks should be con-

nected with the city sewer. *All the offal of the laboratory is now washed into the cellar where it slowly undergoes decomposition and renders the conditions especially favorable for the spread of disease.*

Respectfully submitted,

M. W. BESSEY.

BIBLICAL LITERATURE.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

In consequence of the omission of the course in the History of Philosophy, as explained above, my work in the Autumn was confined to the teaching of a class in Old Testament Characters on Sunday mornings, a missionary class on Monday evenings, and a single student in Old Testament History four days in the week. This work was all carried also through the Winter term.

As my connection with the college closed at the end of the Winter term, there is of course no report for the third term. I wish to say in conclusion that I have found my work with the various classes full of interest to myself and, as I think, of profit to them. The constant encouragement given me by the President and by the Board of Trustees has been gratefully appreciated.

Respectfully submitted,

GEO. D. B. PEPPER.

PHYSICAL CULTURE.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

Work in the gymnasium was required of every student and was continued throughout the three terms.

In the early part of the Fall term each member of the Freshman class, of the Men's Division, was given a thorough physical examination and a course of exercise prescribed as seemed best to strengthen him or correct his deformities.

In the Fall and Spring terms the student had the option of taking part in field events or the work in the gymnasium.

Those not taking part in field events and who were physically capable were required to exercise in the gymnasium four hours a week under the direction of the instructor.

The work for the men consisted of drill and squad exercise. Drill exercises were given with dumb bells, Indian clubs, foils and broad swords. For the squad work the class was divided into several classes, each under the direction of a competent student assistant. This work consisted of class work on the several pieces of apparatus and finally mat work for those best suited for it.

The women of the college were given light gymnastics after which instruction was given in basket ball.

A very successful athletic exhibition was given in March showing the work done throughout the term. In the Spring term outdoor work was again taken up and those not engaged in baseball were given instruction in field and track events to prepare them to participate in the annual field day between the Maine colleges.

It has been the aim of the Director to give such work as was best adapted to the needs of each student and at the same time work that would place them on a higher standard of college athletics.

The work of the department is shown in the following table :

THE MEN'S DIVISION

FIRST TERM.

Seniors,	.	.	.	.	.	4 hours per week.
Juniors,	.	.	.	.	.	4 hours per week.
Sophomores,	.	.	.	.	.	4 hours per week.
Freshmen,	.	.	.	.	.	4 hours per week.

SECOND TERM.

Seniors,	.	.	.	.	.	4 hours per week.
Juniors,	.	.	.	.	.	4 hours per week.
Sophomores,	.	.	.	.	.	4 hours per week.
Freshmen,	.	.	.	.	.	4 hours per week.

THIRD TERM.

Seniors,	.	.	.	.	.	4 hours per week.
Juniors,	.	.	.	.	.	4 hours per week.
Sophomores,	.	.	.	.	.	4 hours per week.
Freshmen,	.	.	.	.	.	4 hours per week.

THE WOMEN'S DIVISION.

SECOND TERM.

Seniors,	.	.	.	.	.	2 hours per week.
Juniors,	.	.	.	.	.	2 hours per week.
Sophomores,	.	.	.	.	.	2 hours per week.
Freshmen,	.	.	.	.	.	2 hours per week.

THIRD TERM.

Seniors,	.	.	.	.	.	2 hours per week.
Juniors,	.	.	.	.	.	2 hours per week.
Sophomores,	.	.	.	.	.	2 hours per week.
Freshmen,	.	.	.	.	.	2 hours per week.

Respectfully submitted,

A. M. FREW.

PHYSICAL CULTURE—FOR THE WOMEN'S DIVISION.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

At the opening of the year a physical examination was given to each member of the entering class. Weaknesses were noted, as also the need of certain exercises. Such exercises as will insure health, strength and grace have been given.

The Senior, Junior and Sophomore classes have taken the work in Physical Culture one half hour per week on the average.

We have worked at a disadvantage this year because we have been obliged to take an hour for the work outside the regularly prescribed college hours, so taking from the young women their recreation time.

I sincerely trust that the place and recognition will be accorded this work in the college in the future, which its importance merits.

VOICE CULTURE.

The purpose is to secure correct articulation, strength and beauty of voice. The students who are faithful in their practise find the work practical and most beneficial.

EXPRESSION.

The Juniors and Sophomores have worked somewhat in dramatic literature this year; the former taking up Shakespeare, the latter Sheridan.

The Freshmen have worked on the foundation principles of reading and spelling. They work from the thought side, thinking the author's thought after him, making it their own and then expressing it. By so doing concentration, poise, and strength of purpose is gained.

Respectfully submitted,

MARGARET KOCH.

THE LIBRARIAN.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

The additions to the Library by gift and exchanges during the past year amount to 752 volumes. By binding recent periodicals 122 volumes have been added. The cost of binding and the subscriptions to the sets of periodicals which have been taken by the Library for many years, nearly exhausts the income from the scanty library funds. The number of volumes added by purchase is only 73, one-half of these being paid for by a generous graduate of the college. From the U. S. government 312 volumes have been received, principally the series of documents supplied to all designated depositories.

The total additions amount to 1269 volumes, and the whole number of books now belonging to the Library is 35,800.

In a Library like ours the demand for the best and most recent works in all branches of instruction is one that the librarian constantly

hears. It comes from all departments of the college but more especially from those in which the regular work of the classes includes consultation and reading of many books which the student cannot be expected to purchase for himself.

The efficiency and worth of the instruction will depend largely upon the ability of the Library to answer these demands. Nothing more directly advances the cause of learning than the liberal support of the libraries of our colleges. Poverty of funds, or lack of financial support, directly cripples the educational power of the whole college.

Our students still manifest a desire for reading, and for reading instructive books. This laudable desire certainly deserves encouragement from all who have the true interests of this college at heart. The loans from the Library for the use of undergraduates amounted to 5,800 volumes, an increase of 340 over last year. The usual permission was granted to the advanced classes of the High School and Institute, as well as to several reading clubs in Waterville and vicinity.

The class of 1900 at their Presentation Day exercises gave to the Library 141 volumes, comprising works of prominent American and English writers of recent general literature. Among the donors of valuable collections and works during the past year mention should here be made of Hon. R. C. Shannon, LL. D., Rev. A. J. Padelford, D. D., Harrington Putnam, Esq., Dr. John O. Marble, Mrs. C. V. Hanson, Dr. J. H. Jackson, President Butler, Prof. A. W. Small, Ph. D., Prof. Shailer Mathews, Dr. A. C. Getchell, Hon. Samuel A. Green, and Rev. John L. Dearing, whose gifts have materially assisted in the work of the Library.

At the request of President Butler I gave a course of lectures on Saturday mornings of the Fall term to the Sophomore class on the general subject of Books and Libraries. The object of this course is to direct the student in the use of libraries in general and of our own especially, as well as to instruct in a great number of topics concerning books. The course is one which the Librarian has long desired to present but no place could hitherto be found for it in the curriculum.

To enforce the suggestion already made regarding the outlay desirable for the purchase of books, it may be well to mention that about four hundred topics were given out to students in one of the depart-

ments of instruction, on each one of which the entire resources of the Library were called for and used in regular college work.

Respectfully submitted,

EDWARD W. HALL.

FINANCIAL SECRETARY.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

I herewith present my report for the year ending June 1, 1900.

A year since the American Baptist Education Society made to the college a pledge of \$15,000 on condition that subscriptions for \$60,750 be secured by January 1, 1901, to be paid within five years. The work of the year has been the securing of these subscriptions. About two-thirds of the conditional subscriptions has thus far been obtained. While the last part of any subscription is usually the hardest to raise, yet with the co-operation of all interested parties there is good expectations that the whole amount will be obtained by the time designated.

As has been stated before, it is proposed to ask the Baptist churches of Maine for \$25,000 of this amount or subscriptions amounting to \$5,000 a year for five years. This sum has been divided *pro rata* among the churches in amounts to be paid yearly varying from \$5.00 to \$250.00. This subscription is somewhat tentative in its character as it rests upon the moral purpose of the churches to raise and pay the amounts designated to them. The subscription may need somewhat more of care in maintaining its integrity and insuring its collection, but there is great confidence in the willingness of the churches to meet their responsibilities for Christian education. The work of the secretary has been received most graciously by both pastors and members wherever presented, and when once understood and accepted it is expected that the Baptist churches of Maine will form a constituency that will be helpful in every way for the work of the college. Not only will there be added financial support, but the work of the college, its inception, progress and results will be advertised, its advantages made known, and thereby its patronage as regards both support and the student body will be increased.

The services of President Butler have been invaluable to the progress made and the results thus far obtained. In this department of the college as in every other his presence is felt for all that is vital to success. In sermons, addresses and appeals, he has been untiring in presenting the needs of the college and the duty of imbursing its resources.

The service of trustees of the college and academies should also be mentioned. The trustees have thus far subscribed over \$62,000. Nearly every one connected with the care and service of these schools has had a part in the subscriptions and all has been done with an untiring zeal. While these schools still wait for the large sums that will well endow them for their service yet much has been accomplished. More than enough has been collected to meet the deficiency made by lessening incomes. New buildings have been erected and other appurtenances added. Hope and courage possess the minds of all interested. The work being done in these schools and their needs are being widely made known and thus a constituency is gradually increasing full of good assurances for the future.

My personal expenses for the year have been \$395.50.

Respectfully submitted,

NEWELL T. DUTTON.

Reports of Academies.

COBURN CLASSICAL INSTITUTE.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE :

During this year there have been in attendance 147 students. Of these 127 have pursued regular courses as follows: College Preparatory, 91; English-Scientific, 29; Latin-Scientific, 7. The Senior class numbers 38. Of this number 28 are in the College Preparatory Course. About 20 will probably enter Colby College next fall.

Mr. Henry R. Spencer, who was elected to fill the vacancy caused by the resignation of Miss Jessie E. Pepper and the absence of Mr. John Hedman, has been a very efficient teacher. Mr. Spencer has resigned his position for the purpose of pursuing a university course. I regret that the school could not secure his services for a longer time. Miss Helen F. Plaisted was obliged to give up her work during the Spring term because of ill health. Her place has been acceptably filled by Miss Lulu M. Ames of the Senior class at the college.

The efficiency of the library has been greatly increased. The class of 1899 presented to the school the sum of \$140, which was expended in furnishing and adorning a new and more commodious room for use as a library. The result of this change has been the most beautiful room in the building. During the year, by gift and purchase, there have been added about 400 volumes. Of these, 100 were presented by Charles F. Meserve, LL. D., of the class of '73, as a memorial to his wife, Abbie Mary Whittier Meserve, of the class of '74. There are now on the shelves 2347 bound volumes and 652 pamphlets. The number of books taken from the library by students during the year is more than three times that of any previous year. Mrs. F. W. Johnson has acted as librarian and has given two hours daily without compensation.

In my recent reports I have called attention to the need of additional equipment in order that this school might keep abreast of similar schools with which we compete. Other schools are adding to their equipment. This school is making no progress in this direction. Other schools are increasing their attendance. Our attendance this year is smaller than for three years past although a greater effort than usual was made to secure a large attendance. The reason for this can not be found in any lowering of the scholarship standard which has been the chief source of the school's high standing in the past. The scholarship record of the last three years has been unequalled in any similar period. My experience in soliciting students makes it plain that it is becoming increasingly difficult to secure the attendance of desirable students at this school because of the greater attractions offered by other schools.

I consider that the relations which exist between this school and the college are not such as to produce the best possible results. The affairs of the school receive almost no consideration at the hands of the Trustees of the college as a Board. The Committee of the Board to which the affairs of the school are intrusted, has, so far as my knowledge extends, held but one meeting during the six years of my connection with the school. When it is considered that every other academy of any standing in the state has a Board of Trustees of its own, who are actively associated with its management and who deliberate and act for its development, it will be seen that a serious handicap is placed upon the school. I do not wish to be regarded as censuring the members of your Board. The demands which the college proper makes upon your time and thought are sufficient reasons for the condition to which I refer.

I submit that it would be much better for the school if it could be placed in the same relation to the college as other associated academies with a separate corporation and Board of Trustees. I would suggest that the Board consist of fifteen members, to be drawn from three classes of men: first, members of the Baptist denomination, second, alumni of the school, third, men interested in the development of Waterville. Several persons could be selected who would belong to all these classes. All would be interested in the best development of the school. Such a body of men would be of great assistance in the

management of the school, and would be likely to attract students and money to the school.

Such additional force in the school would be of direct benefit to the college. After consultation with several members of your board and others interested in our educational system, I am unable to see any serious disadvantage which this plan presents while there seems great possible benefit both to the school and the college.

I therefore ask your board to take action upon the proposal, suggesting that it be left to a committee to work out the details.

Respectfully submitted,

FRANKLIN W. JOHNSON.

RICKER CLASSICAL INSTITUTE.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE :

The year closing at Ricker Classical Institute has been more successful in every way than the most sanguine among its friends anticipated.

The Houlton Free High School which had been taught in the Institute, and reported as a part of it, since 1887, withdrew at the close of the last academic year. The entire year under review in this report is the work of R. C. I. alone.

The enrollment for the year has been 140—56 less than last year. The average attendance for the year will be about 110. Of this enrollment 55 have pursued the College Preparatory Course; 5 the Academic; 20 the English and Scientific; 48 the Normal, and 12 unclassified.

The graduating class numbers 23; 9 are in the College Preparatory Course, only three of whom have made definite choice of the college they will attend, one each at Colby, Bowdoin and Bates.

No change has occurred in the teaching force of the previous year except in the Department of Music. Miss Edith Flanders has successfully filled the position left vacant by the resignation of Miss Hill one

year ago. The success of this department during the three years of its existence gives it excellent promise for the future.

The increase of patronage from out of town has been very gratifying. It has naturally increased the demand for dormitory accommodations. The entire capacity has been utilized during most of the year and at times the demand for rooms has exceeded the supply.

Ricker has been favored with a class of students of exceptional character, the instruction and management of whom has been most interesting and enjoyable. The religious atmosphere of the school shows a marked improvement over previous years. Several conversions have occurred. In debate Ricker has taken place among the first. In baseball second in the Junior League. From the standpoint of Christian education the last has been the happiest and most profitable year for many years. Financially, the expenses of the school have been practically the same as last year. The current income will fail to meet current expenses by about \$700.

C. E. OWEN,

For the Ex. Com.

HEBRON ACADEMY.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

The year at Hebron Academy has been one of the most successful in its history. The attendance has been the largest ever registered here at Hebron. The class of students has been the best in spirit, in self-control, in literary, in intellectual, and in spiritual activity.

A feeling has seemed to be manifest that the students were conscious of the growth of the Institution, of the opportunities that were offered them for growth, and under the inspiration of this, life has been very earnest, very becoming, very true, and very strenuous. Dullness to every noble impulse would be chargeable to us all were not these things true, especially when there is added to these things, the fact that our new dormitory for a whole year has been growing, towering, and inspiring us all with the feeling that in this building God is revealing to us his power through the life and heart and brain of a Christ-

enriched woman. The influence of this growing building has been a constant benediction and inspiration.

The teaching force has been the same in this as in the past years. The literary life and spirit has been unusually marked. The religious life has been even, aggressive, and blessed. Some twenty of our students during the year have taken a stand for Christ. Mr. Gale, the evangelist, recently spent four days with us with no marked revival, but with an awakening of Christians, and the stepping forward by those who were almost Christians.

The social life has been very pleasant, very thoughtful, very reasonable, and sensible. The athletic history of the year has been victorious, not noisy, and has seemed to take its normal place as a subordinate and healthful feature to the manliness of the school-life. The school is indebted to several for visits and addresses made, to the college we express our appreciation for valuable words and suggestions as well as visits from the President and Professor Stetson. Other visits were prevented only by our disasters in the burning of two of our largest boarding places for students rendering us so pressed for room, that we could not entertain.

STATISTICS.

Whole number registered for the year, ...	186
Number in the Senior Class, ...	46
Boys in the class, ...	23
Girls in the class, ...	23
Number in the College Course, ...	16
Number in the Classical Course, ...	6
Number in the English Course, ...	24
Number intending to enter Colby, ...	13
Number for Bates (all former Nichols students,) .	3
Number for Brown, ...	2
Number for University of Maine, ...	4
Number for Bowdoin, ...	1

Respectfully submitted,

W. E. SARGENT.

HIGGINS CLASSICAL INSTITUTE.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

As we again report the school year of H. C. I. we think we can truly say that 1899-1900 is the best year in our history, in many respects.

1st. Our Principal is year by year proving himself to be the right man for the place he fills. Our entire corps of teachers have done grand work. The year has demonstrated that the addition of a fourth teacher was a step in the right direction, as by this the whole corps of teachers are enabled to give more time to the instruction of their separate classes, thus making more thorough and efficient, the instruction given in the school.

2nd. In the number of students. We are, in this particular, all the time extending our borders, the past year having seen the largest number in attendance of any year since the school was started. Our old academy building has become quite too small for the use of the school, and very inconvenient for the proper handling of our present number of students. This convinces us that we must have a new building in the immediate future, and that the work can not be postponed later than 1902, without injury to the school. This year we graduate a class of twenty, eleven of whom are looking toward Colby.

JNO. H. HIGGINS,

Pres. of Trustees.

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COLBY COLLEGE BULLETIN.

Vol. 1, No. 3. September, 1901.

Issued quarterly by Colby College, Waterville, Maine.

Colby College

REPORTS

OF THE

PRESIDENT AND FACULTY

1900-1901



Colby College

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1900-1901



WATERVILLE, ME.
PRINTED AT THE MAIL OFFICE
1901

Colby College.

THE PRESIDENT'S REPORT.

TO THE TRUSTEES OF COLBY COLLEGE:

The four years preceding this, the eighty-first year of the college, have been marked by unusual mortality in the membership of our Board. Dr. Shaw, Dr. Ricker, Hon. Edmund F. Webb, Dr. Dunton, Dr. Hanson—we are not yet accustomed to the absence, from our meetings, of these long cherished and faithful friends of the College. To this list must now be added the names of Dr. Alden, Mr. Dutton, and General Shepherd.

Rev. William Harrison Alden, D.D., died at his home in Portsmouth, N. H., October 2, 1900. He was graduated at Brown University in 1849, and at Newton Theological Institution in 1852. He held pastorates at North Attleboro and Lowell, Massachusetts; at Albany, New York; and at Portsmouth, N. H. His last pastorate covered a period of twenty years. Colby College (then Colby University) conferred upon him the honorary degree of Doctor of Divinity, in 1873. He has been a trustee of the college since 1881. During the long period of his official connection with the college, Dr. Alden was one of the most gladly welcomed of all its officers, friends, and visitors. After his appointment to this Board, I think he was absent from the College anniversaries and your annual meetings only once, and that in 1899. He was an example of cheerful, kindly courtesy, of hopeful courage, and of conscientious devotion to the interests he was chosen to serve. He never lost heart, but rather seemed to feel that care, good judgment, patience, and faith would ultimately solve our problems and lead to success. He seemed never to doubt that every good purpose

would at last attain its end. Of his own means he gave to the college. And it was largely his statement of our situation that, three years ago, interested the Hon. Frank Jones, of Portsmouth, and secured from him one of the two largest subscriptions, save the gift of Mr. Kingsley, that were then made toward the enrichment of the college.

Rev. Newell T. Dutton died November 5, 1900, of heart failure, at the railroad station at Newcastle, Maine, where he was waiting for a train. On the previous day, Sunday, he had given three addresses, in the interest of the college, of which he was Financial Secretary. He had reported an unusually "good day" and on Monday morning seemed in excellent health and spirits. He walked to the station, and while waiting there, instantly died. Mr. Dutton was born in Claremont, New Hampshire, in 1840. He was graduated from Brown University in 1870, and from the Newton Theological Institution in 1873. His pastorates were in Warren, Houlton, and Fairfield, in this state. His influence was felt throughout the state and beyond, since he was always actively identified with associational, missionary, and educational work. He was a trustee of the Maine Baptist Missionary Convention and a member of its executive committee. He was a trustee of Ricker Classical Institute and of Colby College. In 1896 he was appointed Financial Secretary of the corporation and was actively engaged in the business of his office at the moment of his death. I wish to leave it upon this record that Mr. Dutton rendered me great help and comfort by his cheerful, optimistic spirit, and his unfailing hopefulness. Recalling him, I am most impressed with his kindness in thought and word, his courage, his excellent judgment, and his direct, simple faith in God. He was a strong, good man. His wife and co-worker, Maria (Dunklee) Dutton, survives him, greatly esteemed and loved here and elsewhere.

General Russell B. Shepherd died at his home in Skowhegan, January 1, 1901. He was born in Fairfield, Maine, in 1829. He entered Colby College in 1851. Lack of funds forced him to interrupt his course. He made his way to California, enduring the then not inconsiderable hardships of the journey, and the severity of the miner's life, and having secured the necessary money, he returned and completed his college studies, graduating with honor in 1857. This characteristic energy marked his whole life. He promptly responded

to the demands of the Civil war, and was at once in active service. From the first he was placed in positions of responsibility, attaining the rank of Colonel of his regiment, and finally retiring with the rank of Brevet Brigadier General. From that time until his death he was successfully engaged in large business enterprises, and was always closely identified with public affairs. He became a member of this Board in 1886, and was accustomed to render valuable service upon important committees.

THE FACULTY.

The work of the faculty has not been interrupted by sickness. Every officer has been at his post and has given himself unreservedly to his work. The scope of instruction in the college necessarily broadens faster than we are able to enlarge our teaching staff. In consequence of this our instructors are, at times, required to carry an excessive amount of work. This necessity has been, in every case, cheerfully met. At the beginning of the year, Professor Roberts, after spending a year in special study at Harvard University, returned to his place at the head of the department of Rhetoric and English Literature. Professor Hedman returned, at the same time, from a year of special study in Paris, at the Sorbonne, the Ecole des Hautes Etudes, and the College of France, to take charge of the instruction in the French language and literature. At the opening of the fall term Professor Clark W. Chamberlain, by your appointment, assumed charge of the department of Physics, coming to us from the laboratories of the University of Chicago. It is already evident that Mr. Chamberlain is in full sympathy with the tradition that a member of our faculty should be not only thoroughly efficient in the work of his own department, but ready to lend his influence to promoting in every practicable way the general interests of life upon the college premises. Professor Hall represented the college at the centennial of the University of New Brunswick, May 30, 1900, and received on that occasion the honorary degree of Doctor of Laws. Dr. Black has lectured at Hebron Academy and at Limerick Academy, on "Life in a Monastery;" at Portland and in this city, upon "Homes and Customs in the Colonial South;" at Skowhegan, upon "Bayeux Tapestry;" and at Waterville, on "The English

Government and Houses of Parliament." Professor Stetson has visited our academies at Houlton, Charleston, Waterville, and the Waterville High School. Dr. Taylor and Professor Hedinan have visited Coburn Classical Institute and the Waterville High School. Dr. Marquardt has lectured at Skowhegan, on "Social Life in Germany," and has visited Coburn Classical Institute. Dr. Warren has lectured at Wilton Academy, and before the Kennebec County Teachers' Association on "A Pilgrimage from Rome to Naples," and in the Waterville Woman's Association course, on "Red Letter Days in Europe." He has also visited Coburn Classical Institute. Dr. Warren's Art Lectures in the college courses have, as heretofore, been of great interest and profit to his classes. Dr. Elder has given a "Browning Reading" before the Woman's Association. Professor Roberts has visited Hebron Academy and Ricker Classical Institute, and has lectured at Rockport, Belfast, Lewiston, and Portland. The Dean of the Woman's Division represented this college at the inauguration of President Woolley of Mt. Holyoke College, May 15; the president of the college has lectured and preached in various parts of the state.

ENROLMENT.

The current catalogue enrolls 203 students. This is a slight advance upon the number for the preceding year. Of the total, 123 are men, 80 women. The two Senior classes number, together, 33; the Junior classes, 41; the Sophomore classes, 53; the Freshman classes, 61. There are 15 students pursuing special courses. Of the whole number 15 are from Massachusetts, 2 from Burma, 1 from each of the following states: California, Oregon, Colorado, Minnesota, New Hampshire. The rest reside in Maine. The following schools, represented in the Freshman class, are named in the order of numerical representation, beginning with the highest: Coburn Classical Institute, Waterville High School, Higgins Classical Institute, Hebron Academy, Skowhegan High School; Maine Wesleyan Seminary and the Westbrook High School (3 each); Bangor High School and the Cambridge High School (2 each); one student entered from each of the following high schools: Cony (Augusta), Edward Little (Auburn), Farmington, Gorham, Hingham (Mass.), Livermore, Norway,

Portland, Somerville (Mass.). The following named academies sent one each: Anson, Berwick, Cherryfield, Fryeburg, Hampden, Monson, Potter (Sebago), Thornton (Saco), Washington (East Machias), Westbrook Seminary.

In our four academies the total enrolment, as reported last autumn, was 480. This gives a total of 683 students this year in attendance in our allied schools and the college.

THE YEAR IN GENERAL.

With the close of the present year Colby will have fairly entered upon her ninth decade. Although the last twelve months have not been marked by unusual events, and although grave financial problems confront us, yet one may with truth apply to the year the conventional phrase, usually thought appropriate to such a review, and say that the year has been "one of the most prosperous in the history of the college."

In the first place the prosperity of the college is marked by the fact that the spirit pervading its life is one of conformity to the ideals that prevail in well ordered human society outside of college. In this respect, no doubt, we are only sharing the common experience of all American colleges. But it is gratifying to feel that we are sharing this experience in full measure. Good work, rational recreations, and interest in all the college organizations has absorbed our time and our energies.

During the winter term the general health of the students suffered, very much as did that of this and other communities at large. Cases of severe colds and of fevers were more numerous than has been usual heretofore. There is the best of reason to believe that these cases of illness are not attributable to unsanitary conditions upon the college premises. The well at the north end of the campus, which has been used by generations of students, with great satisfaction, has been pronounced by the local authorities pure and safe. At my request, Dr. Bunker, of the Waterville Board of Health, had this water analyzed by the State Board of Health, with the following result:

Date of Collection,	March 12, 4 P. M.
Date of Examination,	March 15, 4 P. M.

Odor,	None.
Color,	None,
Total Solids,	6.4.
Loss on Ignition,	2.4.
Phenomena of Ignition,	None.
Hardness,	4.57.
Chlorine,	1.0.
Free Ammonia,	.001.
Organic Ammonia,	.001.
Nitrites,	None.
Nitrates,	Very slight trace.

Theodore Everett Mann, of the class of 1903, died at the home of Mr. E. C. Herrin in this city, March 13. Such an event as this has not, for many years, interrupted the regularity of the college life. Memorial services were held in the college chapel, March 14. An attendance of the entire college was a mark of the sincere respect for this student whose fine spirit, cheerful courage and consistent Christian living commanded the affectionate regard of all who knew him.

One chief source of the value attaching to life in a small college is the fact that a large proportion of the students are brought into pretty close contact with the activities of the various college organizations. This is favorable to the disposition and the ability to take part in the organic life in the midst of which one lives. The establishment of this habit is, for American youth, to be counted as an important function of education. Our student organizations have been sustained during this year with good spirit and excellent results. Our ball teams have afforded valuable discipline to a large number of our men. Our musical organizations have probably been the best in the state, this year. It is not often that a small college can furnish a glee club, an orchestra, and a mandolin club so large and so excellent as those we have sent out. The behavior of the men composing the ball teams and the musical clubs, has been such as to bring the college into most favorable notice wherever they have gone. The same should be said of our debaters, who, though they did not win intercollegiate honors, this year, nevertheless won golden opinions from all who saw and heard them. The college publications have been well maintained.

The Echo, published weekly, is a faithful record of college news and opinions. The publication of the volume of "*Colby Stories*" early in the year is notable as being the first book of this sort to be issued by a Maine college. The Christian Associations of the college have been active, and have exercised a distinct and salutary influence. Early in the year, interest in the Presidential campaign occasioned the formation of political student clubs which conducted debates upon the current issues, and secured addresses from eminent public men.

The usual public exhibitions have been given. The college has listened to addresses by Hon. Percival Bonney, LL.D.; Rev. Lyman Abbott, D.D.; Dr. Pepper, Governor Powers, Mayor Philbrook, Hon. Cyrus W. Davis, F. W. Clair, Esq., Samuel Gould, Esq., Hon. John Scott, and Mr. William H. McElroy of New York.

The Chemical Hall and the Chapel were opened for sessions of the Kennebec County Teachers' Association, in November. The Day of Prayer for Colleges was observed Sunday, February 10th, in accordance with the suggestion of the executive committee of the World's Federation of College Christian Associations. The Christian Associations of the college held special services at 9.30. Sermons appropriate for the day were preached by Rev. E. C. Whittemore, at the Baptist church; and by Rev. E. L. Marsh, at the Congregational church. At 4.30 o'clock, an address was given by the President, in the college chapel. A union meeting was held by the young people's societies, followed by special sermons by Mr. Marsh, and Rev. C. E. Owen.

An event of great interest to us was the organization of the Association of Maine Colleges and Secondary Schools, at Augusta, October 26. It would seem that the existence of such an association must be most favorable to the interests of higher education in this state. A social meeting of the Presidents of the Maine colleges, with their wives, at the University of Maine, upon the invitation of President and Mrs. Harris, May 16 and 17, was a pleasant feature of the year, and like the association just referred to expressed the disposition to meet together and to work together for common and general interests.

The Mid-Year Conference of the Board of Trustees was held in Portland, Friday, February 8. The Boston Colby Alumni Association held its annual reunion and banquet at the Bellevue Hotel, Boston, Tuesday, February 26. The New York Association held its reunion

Friday, April 19. These meetings were of unusual interest, giving evidence of the keenest interest in the college, on the part of its alumni.

The system of advisers, explained on page 52 of the current catalogue, has been in operation this year with most satisfactory results. It is believed that this system is rich in possibilities of good, especially in the varied application of which it is capable in a small college. The ancient custom of allowing a "Senior vacation" for three or four weeks before Commencement, has been discontinued by action of the Faculty. This has been found necessary especially because many elective courses are open to both Seniors and Juniors. It is obviously necessary to hold the classes together until such courses are completed. The dismissal of Seniors before the close of the term rendered this impracticable. The change is attended with several advantages.

The appointment of the Rev. C. E. Owen, of the class of 1879, to be Financial Secretary, in place of Rev. Newell T. Dutton, deceased, has, I believe, the unanimous approval of the Board, and of the friends of the college at large.

Considerable savings have been effected during the year by the Registrar, Professor Hall: (1) By contracting for the season's coal, about 350 tons, at a favorable time, so that an advantage of about one dollar a ton accrues to the college; (2) by a readjustment of insurance upon certain of our buildings, causing a saving of \$243; (3) by securing an old rebate of taxes amounting to \$270, overlooked at the time of the death of the late Edmund F. Webb, who had the matter in charge; (4) by taking advantage of a recent postal law regarding second class mail matter, so that whereas one copy of our catalogue formerly was mailed for three cents, three copies are now carried for one cent.

RECOMMENDATIONS.

It will be necessary to fill four vacancies in our Board. Three of these vacancies have been created by death, the fourth by the resignation of Hon. Robert O. Fuller, of Cambridge, Massachusetts. Mr. Fuller has felt obliged to withdraw from the Board in consideration for his health, and various demands upon his strength and time. His absence from the Board will be keenly felt, especially at our annual meetings, where his wise council and vigorous courage have been of

great service. Mr. Fuller has been a generous subscriber to the resources of the college.

The custom instituted some four years ago, of holding a mid-winter conference of this Board has, I believe, justified itself in facilitating business and in keeping us more vitally in contact with the affairs of the college. It is apparent that further advantage would result, if a committee of this Board could meet at least once in each term, to consider with care the general interests of the institution, questions of current need and expenditure, and of business and administrative policy. I recommend that an executive committee of five, of whom perhaps the members of the Prudential committee might be three, be appointed, to meet in Waterville once in each term.

I suggest that the Prudential committee be asked to include in its duties, the frequent inspection of the buildings and grounds of the college.

Serious problems confront us because of the expansion of the content and scope of college instruction—an expansion whose rapidity is in excess of our ability to meet its demands. These problems are included in the question, how to plan and co-ordinate our courses of instruction, how especially to emphasize certain parts of the whole modern college curriculum so as most effectively to use means at our disposal. The question frequently arises whether we can place our emphasis more effectively without additional cost. This question ought, evidently, to be viewed at once from the point of view of this Board, the guardians of our expenditures, and of the Faculty who must originate our educational policy. I recommend either that a special committee of three Trustees be appointed to form, with the Curriculum committee of the Faculty, a joint Curriculum committee, or that the Examining committee of this Board be charged with this function.

Under the head of "service," a large account is created in the course of the year, of sums paid to students employed by the college at various kinds of labor. This arrangement affords much needed revenue to needy students. It has been the custom to pay cash to the men, for their work, without regard to the state of their account with the college, as shown by their term bills. In most cases, men receiving cash for their labor, are at the time, actually in debt to the college. I recommend that it be the rule hereafter, with exception only at the

discretion of the Prudential committee, that amounts due students for labor be applied on term-bills in cases of students against whom the college has accounts.

If the building known as the Hersey House, at the north-end of the campus is to stand, I recommend that a suite of at least two rooms be fitted and furnished for hospital uses. This suggestion will hardly need urging. The necessity of such a provision, and the advantages attending it are obvious.

The relations of the college to Higgins Classical Institute should receive careful consideration.

I recommend that for instruction in Biology the same amount be appropriated as for the two years immediately preceding. For the other departments I recommend the continuance of our present policy of leaving the purchase of what may be needed to the suggestions of heads of departments and the judgment of the Prudential Committee.

We are to receive and consider the reports of committees appointed at the mid-winter conference, as well as the committee on Courses in Science.

The Committee on Honorary Degrees will present a report.

I ask leave to present a supplementary oral report regarding the possible reorganization of some of our Science courses, as well as concerning salaries.

THE FUTURE.

The needs of the college, as I conceive them, have been specifically pointed out in the reports that I have hitherto had the honor to submit. While the satisfaction of many of these needs is still quite beyond our ability, I cannot think it otherwise than useful to keep them freshly in mind. Not one of those named is suggested by an extravagant or ambitious imagination, but by a sober consideration of what a college and college work means in New England. That is determined independently of us, or of any one college. It is for each college to approximate as nearly as possible to this general conception. We are not likely to move in that direction, unless we keep before us the very particulars in which progress is desirable. Moreover, those who are generously disposed toward Colby College, should be kept informed of her particular needs.

Important, but least immediately urgent needs—least urgent because they constitute the least real impediment are, on the side of equipment a Chapel and a Recitation hall, on the instruction side, the relief of two overburdened departments by the separation of Rhetoric and Elocution from English Literature, and the assignment of History and Economics to separate departments. The endowment of a chair of Rhetoric and Oratory, and a chair of Economics and Sciology would render this practicable. Meanwhile the two departments in which these are concentrated are most efficiently conducted by Professor Roberts and Dr. Black.

More immediately necessary, on the side of equipment is the reconstruction of our gymnasium according to suggestions made in my last two reports (Report 1898-9, p. 17; 1899-1900, p. 19). Pending such reconstruction, it is imperative that the changes pointed out in my report for 1899-1900, p. 20, be made at once. I hope they will be authorized. A suitable gymnasium for the Women's Division is greatly needed. This matter has been taken up by the New York Colby Alumni Association, and will doubtless be carried forward if the policy of the Board renders such an enterprise desirable.

A need perhaps still more urgently felt may be met in the repayment by graduates of amounts granted them by the college in their undergraduate days as scholarships. The disposition to regard scholarships in their true light, as loans, and to remember the college in this way seems to be increasing among our alumni. It is to be hoped that graduates will be encouraged in this direction.

Further, constantly and distinctly felt needs can be met by classes or by individuals who care to give comparatively small sums by the founding of (1), scholarships; (2), emergency funds for loans to needy students; (3), a fund to provide a few college lectures by eminent men from abroad, or (4), a series of college sermons by eminent preachers from beyond our own neighborhood; (5), additions to the Library fund.

On the side of instruction the needs most keenly felt are that of (1), an extension of the present excellent work in the Biological group of students, and (2), additional courses in Chemistry. I have already referred to a special report and recommendation upon this subject, to be presented to you at the annual meeting. I will here point out that

no gift could be more acceptable to the college just now than the endowment of a chair of Biology.

Last in the order of this enumeration, but first in order of importance, is the need which is most pressing of all, the need whose satisfaction will bring with it the satisfaction of the others—a large addition to our productive fund. Upon this all our energies should be concentrated with the conviction that it is vital and the faith that what is needed *can be secured*. I cannot present this matter with more urgency than I did in my last Report (p. 18).

This work of increasing the funds of the college has been strongly reinforced by the appointment of Mr. Owen as Financial Secretary. In connection with the special work he has in hand, it is encouraging to know that the American Baptist Education Society through its Secretary, Dr. Henry L. Morehouse, has granted us an extension of time, to January 1, 1902, for fulfilling the conditions of their offer to the college.

It does not seem necessary for me to refer at length, to that of which I have been conscious in writing this report—that it is the last I shall be called upon to render to you. But, at the risk of intruding what is personal, into an official report, I must place on record, here, the fact that I resign my office to you with no other feelings toward this Board than those of the most grateful and affectionate regard. My memory of the period of my service here, records nothing but personal and official kindness from the Board and its members to myself. As I have elsewhere said, “I should think that no parallel to this could be found, if such parallel were not found in the Faculty.” My love for the college and my confidence in her future are in no degree diminished. I have good reason to regard the college with love and confidence. My grandfather was one of its Board of Trust, my father was one of its Alumni and Trustees, my own college life was spent in its halls, and one of my sons is now among its undergraduates. The intimate relation you have permitted me to sustain to the college for six years, has a thousand-fold strengthened these peculiar ties. You will believe that I shall always stand ready to render to Colby College my best service.

Of the college however, we are to think, not of ourselves nor of individuals. This venerable institution, whose influence has extended

far beyond New England, whose sons have wrought for God and for men in every quarter of the world, this college whose situation and field are unsurpassed, has assuredly before it a career as prosperous, as honorable, as adequate to the times, as its past has been. In the meantime it is for us to do our part, as our fathers did theirs. We must look our situation fairly in the face, and with faith and courage proceed to do such things as are for us practicable. The view that discloses our needs, reveals also much to gratify and encourage us. The college is free from the incumbrance of a confusing misnomer; in addition to the laboratories and lecture-rooms long in use, we have the splendid Chemical Building, with its commodious class-rooms for all departments; the dormitories are now in excellent condition with steam heat, electric light, and sanitary conveniences; we have definite promise of a Women's Building. Our courses of study have been improved as to content and arrangement, and our schedules have been wrought into an excellent working shape. An efficient Dean is at the head of the Women's Division. It is hardly extravagant to say that the spirit of the college, the harmony and intinacy between officers and students, and the disposition of all to work together for good is all that can be asked. In all respects the college was never in better condition to do its proper work. Colby is a good place for a student who can make anything of a college course, and Colby does not desire or encourage those who are not of that sort. Power, culture, character—formal discipline, acquaintance with the humanities, the principles and habits of personal Christianity—these are the constituents of the foundation which the college must lay for subsequent special and professional training, or for the active business of life. These must be secured and fixed, if ever, in the period of adolescence and early manhood. To this particular period of life and to these particular ends the college is dedicated, not primarily for the training of specialists and experts, but to insure that in whatsoever the individual presently becomes a specialist or an expert, he will first and always be a MAN, "thoroughly furnished unto all good works."

NATHANIEL BUTLER.

REPORT OF THE DEAN OF THE WOMEN'S DIVISION.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

During the discussion in regard to the future of the Women's Division of Colby College, the affairs of the Division have proceeded as usual. No marked changes have occurred in the year. The winter months brought a good many cases of slight illness to women of the college, as to the community in general, but otherwise the work has been uninterrupted.

Socially, the Woman's Division has had its customary activities. Early in the fall its members were received by the ladies of the Faculty at Mrs. Butler's. The College Teas were continued and, as in preceding years, a reception was given to the girls of the graduating classes of the Waterville High School and Coburn Classical Institute.

The Young Women's Christian Association has had well attended, interesting, and helpful meetings. Mrs. Anna Sargent Hunt of Augusta addressed one on Some Phases of Home Mission Work. Miss Katherine P. Crane, a travelling secretary of the Y. W. C. A., was here for nearly a week and proved an inspiration by her addresses and talks with individual girls. Previous to her visit, brief meetings for prayer were held every night in each of the college houses. A class studying the Women of the Bible, under the leadership of Mrs. Elisabeth B. Foster, has met Sunday mornings throughout the year. There have also been union missionary meetings with the Young Men's Christian Association.

In accordance with the action taken at your winter meeting, effort has been made to secure for the girls not able to be accommodated in College Houses, boarding houses where it might be expected that the college would be assured of proper observance of its rules. It was felt that there might be a more definite understanding between the college and those who have girls in their homes. Therefore, letters enclosing two copies of a statement of the Principles have been sent to several women in the city. One was to be kept for reference; the other to be returned, signed, to indicate their obligations to the girls and the College authorities in allowing college women to have rooms in their houses. A number of responses have been received. This arrangement is not altogether satisfactory but seems to be the only one practical for the present.

The outlook for the Women's Division in years to come is a matter of so much concern that we await with great interest the decision of your June meeting.

Respectfully submitted,

GRACE E. MATHEWS.

Department Reports.

PHILOSOPHY.

I.	PSYCHOLOGY,	The President.
II.	HISTORY OF PHILOSOPHY,	
III.	LOGIC,	Dr. Bayley.
IV.	ETHICS,	The President.

I.

TO THE TRUSTEES OF COLBY COLLEGE:

The plan of our courses allows us to devote only one term, and that in the Senior year, to the study of Psychology. The work is required of all Seniors.

The attempt is made continually to draw material for study and discussion from observation and experience, and from current and general literature. All this is supplementary to the study of the subject as presented in Professor James's *Briefer Course*. This text still holds, in my judgment, its place as easily first among extant books for the student, on this subject. The fine collection of casts and the splendid Auzoux brain model owned by the college are freely used, and a human brain, the gift of Dr. Alfred King, of Portland, (Colby '83,) is carefully studied.

The aim of the course is to enable the student to grasp the great fundamentals of psychological doctrine, as set forth in the brilliant and increasing light of modern research, and to appreciate the vital relations of these fundamentals to education, self-culture, social life, and religion. Five hours a week for the Fall term is sufficient only to introduce the student to the subject. This can accomplish for him little more than to set him in intelligent relation to it and arouse in him a desire and purpose to pursue it further as a university subject, or in

private study. This, of course, is no mean result, yet I still entertain the hope that the way will open before long for providing at least an elective additional course for those who desire it.

IV.

The work in Ethics extended through the Winter term. A large number of the Seniors elected this study. Mackenzie's Hand-book of Ethics was used as the basis of the work. This was supplemented by syllabi and abstracts prepared by the class, by reports on assigned reading, and by free class-room discussion. The work afforded much pleasure to the instructor, and he is glad to believe that it was full of interest and profit for the student.

NATHANIEL BUTLER.

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GREEK.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

I beg leave to submit the following brief report of work done in the department of Greek during the last academic year.

FIRST TERM.

1. Freshman class, men's division,	4 hours per week.	
2. Freshman class, women's division,	4 " " "	
3. Sophomore class, elective work,	3 " " "	
4. Junior class, elective work,	4 " " "	
No. of hours per week,		15
" " students in Sophomore elective,		23
" " " " Junior elective,		3

The work of the Freshman class comprised the reading of selections from Greek historians, study of Greek syntax, writing of connected discourse from Allison's Greek Prose, and the study of the historians in Jebb's Primer of Greek Literature.

The work of the Sophomore class consisted in reading several of Plato's dialogues and the study of Greek Philosophy as described in Jebb's Primer.

The Junior class read Demosthenes "De Corona."

SECOND TERM.

1. Freshman class, men's division,	4	hours per week.	
2. Freshman class, women's division,	4	" " "	
3. Sophomore class, elective work,	3	" " "	
4. Senior class, course for teachers,	4	" " "	
5. Senior class, Bible Literature,	3	" " "	
No. of hours per week,			18
" " students in Sophomore elective,			19
" " " " Teachers' course,			17
" " " " Bible Lit. course,			5

The work of the Freshman class comprised the study of Greek Lyric Poetry, Xenophon's Symposium, and continuance of composition work.

The Sophomore class read the Alcestis of Euripides.

The Senior class, teachers' division, read portions of Homer's Iliad. Additional work comprised lectures on the Homeric Question, talks on Homeric syntax, and discussion of methods in teaching.

The Senior class, New Testament division, read a portion of the Gospels, gave an analysis of the books of the Old and New Testaments, and investigated the canons of Scripture.

THIRD TERM.

1. Freshman class, men's division,	4	hours per week.	
2. Freshman class, women's division,	4	" " "	
3. Sophomore class, elective work,	3	" " "	
4. Junior class, elective work,	4	" " "	
No. of hours per week,			15
" " students in Sophomore elective,			10
" " " " Junior elective,			18

The work of the Freshman class consisted in the reading of portions of Homer's Odyssey, and in the study of word formation.

The work of the Sophomore class consisted in the reading of Æschylus-Prometheus Bound, which was supplemented by lectures on the Greek Drama and Scenic Antiquities.

The Junior class read Sophocles—Antigone.

During the year, in the capacity of examiner, I have visited Higgins Classical Institute, Ricker Classical Institute, Coburn Classical Institute, and Waterville High School.

Respectfully submitted,

CARLTON B. STETSON.

LATIN.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

The courses embraced in the work of the Latin department during the college year just closed are as stated in the following schedule:

COURSES.

1. Livy, XXI. Four hours. Required of men of Freshman class, first term.

2. Livy, I, IV. Four hours. Required of women of Freshman class, first term.

3. Germania and Agricola of Tacitus. Four hours. Required of men of Freshman class, second term.

4. Odes of Horace. Required of women of Freshman class, second term.

5. Odes of Horace. Four hours. Required of men of Freshman class, third term.

6. Germania and Agricola of Tacitus. Required of women of Freshman class, third term.

7. Pliny's Letters. Three hours. Elective for Sophomores of both divisions, first term.

8. Satires of Horace; Laelius of Cicero. Elective for Sophomores of both divisions, second term.

9. Quintilian, X, XII. Tacitus, Dialogus de Oratoribus. Three hours. Elective for Sophomores of both divisions, third term.

10. Epistles of Horace; Terence; or Histories of Tacitus. Four hours. Elective for Juniors and Seniors of both divisions, second term.

11. Catullus; Lucretius; Tibullus; Propertius; Lucan. Four hours. Elective for Juniors and Seniors of both divisions, first term.

12. Cicero. Vergil. Special elective for teachers of Latin. Open to Seniors of both divisions, third term.

13. Philology. Lectures on the Aryan and Semitic Languages. Sophomores of both divisions, first term.

FIRST TERM.

Freshman class, men's division,	4	hours	per	week.	
Freshman class, women's division,	4	"	"	"	
Sophomore class, elective Latin,	3	"	"	"	
Sophomore class, lectures,	1	"	"	"	
Total No. of hours per week,	.	.	.	.	12
No. of students in Sophomore elective,	.	.	.	.	28

SECOND TERM.

Freshman class, men's division,	4	hours	per	week.	
Freshman class, women's division,	4	"	"	"	
Sophomore class, elective Latin,	3	"	"	"	
Junior class, elective Latin,	4	"	"	"	
Total No. of hours per week,	.	.	.	.	15
No. of students in Sophomore elective,	.	.	.	.	25
" " " " Junior elective,	.	.	.	.	8

THIRD TERM.

Freshman class, men's division,	4	hours	per	week.	
Sophomore class, elective Latin,	3	"	"	"	
Senior class, Teachers' elective,	4	"	"	"	
Total No. of hours per week,	.	.	.	.	11
No. of students in Sophomore elective,	.	.	.	.	28
" " " " Senior elective,	.	.	.	.	13

Course 6, with the women of the Freshman class in the third term, was under the competent charge of Miss Mathews.

I regret to say that I am this year again unable to report any advance in the work of this department either in quantity or quality over

that of former years, if indeed it is not necessary to admit a distinct retrogression.

With Freshman classes made up as now of students whose proficiency in Latin at their entrance into college is marked by the widest divergency, I have as yet failed to find a method that can secure from such a heterogeneous combination the results that ought to follow from the first year's work. The attempt to combine instruction in the rudiments for one-half of the class, with the kind of work for which the other half are qualified and which they have the right to expect, brings as little credit to the department as advantage to the student. In the courses of the later years, which are elective and, as a rule, taken only by the more proficient, conditions are in this respect somewhat better, though, of course, the results attained are much below what could be expected had not the work in the three earlier years been crippled by the presence in the class of so many members who ought still to have remained in the preparatory school. The increasing elasticity of the standard of admission, whether it be due wholly to the inherent defects of the certificate system, or partly to other causes, is a misfortune from which the Latin department suffers more conspicuously, though perhaps, not less really than any other.

Respectfully submitted,

JULIAN D. TAYLOR.

MATHEMATICS AND ART.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

The following statement of courses for the academic year 1900-1901 is respectfully submitted:

FIRST TERM.

Solid Geometry,	. . .	4 hours per week.
Women in the same,	. . .	4 " " "
Analytic Geometry,	. . .	3 " " "

SECOND TERM.

Algebra, ...	4 hours per week.
Women in the same, ...	4 " " "
Differential Calculus, ...	3 " " "

THIRD TERM.

Plane Trigonometry, ...	4 hours per week.
Women in the same, ...	4 " " "
Integral Calculus, ...	3 " " "

In art fourteen lectures have been given, six of which were illustrated with stereopticon views, the others with large photographs. Of these pictures eleven have been given to college classes, three to audiences outside of college.

Respectfully submitted,

LABAN E. WARREN.

CHEMISTRY.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

The following tabular statement shows the work of the department during the college year 1900-1901:

FIRST TERM.

General Chemistry, (Juniors,)

Lectures, ...	2 hours a week.
Recitations, Men, ...	3 " "
" Women, ...	3 " "

SECOND TERM.

Advanced Physiology, (Juniors,)

Recitations, Men, ...	4 hours a week.
" Women, ...	4 " "

THIRD TERM.

Laboratory Practice in General Chemistry,
and Qualitative Analysis,

Juniors,		10 hours a week.
Seniors,		10 " "

Respectfully submitted,

WILLIAM ELDER.

ENGLISH.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

All the courses in English described in the catalogue have been given this year. The two courses in Rhetoric required of Sophomores of the Women's Division have been conducted by Miss Mathews. The number of students choosing the elective courses has been rather larger than in past years.

During the year the usual public exhibitions have been held. It is to be regretted that the interest in these exhibitions is not more general. Few students seem ambitious to excel in writing or in speaking. Efforts have been made to bring about a better condition of things, but with no very satisfactory degree of success.

The present class in Old English is the largest since the course was made elective, and the work done has been very satisfactory both in quality and amount. In my opinion Old English should be made a senior course, and the course should be lengthened to two terms at least. It should be possible at Colby for anybody who is interested in the historical development of the English language and literature to have an ample opportunity for studying this subject.

Respectfully submitted,

ARTHUR J. ROBERTS.

MISS MATHEWS.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

During the fall term the English work required of the Sophomore women included a study of the general principles of composition. Constant writing of themes with criticism formed the chief method of instruction. Towards the latter part of the term two of Shakespeare's plays were read and discussed in class and in individual papers.

A change in text-book was made in the winter term. Gardiner's "Forms of Prose Literature" was introduced in place of Genung's "Practical Rhetoric," and "Handbook of Rhetorical Analysis" used last year. The new book proved satisfactory in this particular class. In connection with the study of the theories and examples given by Mr. Gardiner, the students wrote frequent themes illustrative of the principles being considered.

Owing to the crowding of work in the Sophomore winter term, one hour per week was dropped from the English course.

The following table shows the courses and hours per week:

FIRST TERM.

2, English Composition, . . . 5 hours per week.

SECOND TERM.

4, Literary Invention, . . . 3 hours per week.

THIRD TERM.

6, Germania and Agricola of Tacitus, 4 hours per week.

Respectfully submitted,

GRACE E. MATHEWS.

MODERN LANGUAGES.

GERMAN.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

The work in the department of German has been substantially the same as that of a year ago.

The most important change is that, in accordance with a special vote of the Faculty, one and a half courses in "Scientific German" have been added to the former courses. These scientific German courses extend through the whole fall term and the first half of the winter term and are offered in order to accommodate science students of the Senior class.

The courses are as follows:

I. An elective course in German, of four hours per week, has been given to 9-13 members of the Senior class throughout the year. The following books have been used:

1. Gudermann's *Frau Gorge*.
2. Ranke's *Kaiserwahl Karl's V.*
3. Schiller's *Maria Stuart*.
4. Lessing's *Minna v. Barnhelm*.
5. Freytag's *Die Journalisten*.
6. Goethe's *Faust, I Theil*.
7. von Jagemann's *Composition*.

8. Lectures on German literature have been given in all three terms.

II. An elective course in Scientific German, of four hours per week, has been given to 5-6 members of the Senior class during the first half of the academic year. The following books have been used:

1. Gore's *German Scientific Reader*.
2. Brandt and Day's *German Scientific Reading*.

III. An elective course in German, of four hours per week, has been given to 23-30 members of the Junior class throughout the year. The following books have been used:

1. *Methode Berlitz, Zweites Buch*.
2. Goethe's *Hermann und Dorothea*.
3. Gustav Freytag's *Aus dem Staat Friedrichs des Grossen*.

4. Klenze's Deutsche Gedichte.
5. von Jagemann's German Prose Composition.
6. von Jagemann's German Syntax.

IV. A required course in German, of three to four hours per week, has been given to the men of the Sophomore class throughout the year. The following books have been used :

1. Whitney's German Grammar.
2. Joynes' German Reader.
3. Bernhardt's Im Zwielficht.
4. Storm's Immensee.
5. Stein's German Exercises.

V. A required course in German, of three to four hours per week, has been given to the women of the Sophomore class throughout the year. The same books have been used as in course IV.

The work of this department during the academic year may be shown at a glance as follows :

FIRST TERM.

Senior Classical German, . . .	4	hours	per	week.
Junior German, ...	4	"	"	"
Sophomore German, for men, .	3	"	"	"
Sophomore German, for women, .	3	"	"	"
	18	"	"	"

SECOND TERM.

Senior Classical German, . . .	4	hours	per	week.
Junior German, ...	4	"	"	"
Sophomore German, for men, .	3	"	"	"
Sophomore German, for women, .	4	"	"	"
Senior Scientific German, . . .	4	"	"	"
	18 hours, first half.			
	14 hours, second half.			

THIRD TERM.

Senior Classical German, . . .	4	hours	per	week.
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Junior German, ...	4 hours per week.
Sophomore German, for men, ...	4 " " "
Sophomore German, for women, ...	4 " " "
	16 " " "

At the time of this writing it is determined that the principals and teachers in modern languages in the State of Maine will meet June 7th and 8th to consider the condition of French and German in the secondary schools and the relations of the preparatory courses in these languages to the requirements of the Maine colleges. This plan has the hearty co-operation of Colby, and I am glad to state that the sessions will be held in the Chemical Hall of Colby College. It is hoped that this proposed conference will prove mutually advantageous to the colleges and secondary schools in Maine.

Respectfully submitted,

ANTON MARQUARDT.

FRENCH.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

I beg leave to present the following report of the work in French for the academic year just closed:

I. (a) Freshman year. Men's Division. Three terms. Three periods a week in each. Courses 1, 3 and 5.

(b) Freshman year. Women's Division. Three terms. Three periods a week in each. Courses 2, 4 and 6.

The following books have been used:

1. Whitney's French Grammar.
2. Peiffer's Progressive Drill-Book A.
3. Mérimée's Colomba.
4. Fleurs de France.

II. Courses 7, 8 and 9 are open to both divisions of the Sophomore class and are required of the Freshmen of the Ph. B. course. Three periods a week in each.

Owing to the size of the class it was found necessary to divide it

into two divisions, in the Fall and Winter terms, thus making six periods a week. These courses have been taken by classes varying from thirty to fifty-six.

The following books were used :

1. Whitney's French Grammar. Part II.
2. Drill-Books A and B.
3. Grandgent's Composition.
4. Fleurs de France.
5. Mérimée's Colomba.
6. Sandeau's Mlle. de la Seiglière.
7. Cohn and Woodward's Voltaire's Prose.
8. Loti's Pêcheur d'Islande.
9. Molière's L'Avare. Study of the French Literature of the

Eighteenth Century.

III. Courses 10, 11 and 12 are elective for both divisions of the Senior class and for the Sophomores in the Ph. B. course. The number of students in these courses has varied from nine to twenty. These courses have four periods a week.

The following books have been studied :

1. Molière's Les Femmes Savantes.
2. Corneille's Le Cid.
3. Racine's Athalie.
4. Loti's Pêcheur d'Islande.
5. Rostand's Cyrano de Bergerac.

6. Lemaitre Critique Littéraire. Study of French Literature of the Seventeenth and Nineteenth Centuries. Hints on French Philology. Reports on individual reading.

IV. A course in *Scientific French* was given to a class of six, during the second half of the Winter term. This course consisted of four periods a week.

Respectfully submitted,

JOHN HEDMAN.

PHYSICS AND ASTRONOMY.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE :

The following courses were given in this department during the academic year just closed :

AUTUMN TERM.

- | | | | | | | |
|----|----------|---|---|---|---|-------------------|
| 5. | Physics, | . | . | . | . | 8 hours per week. |
|----|----------|---|---|---|---|-------------------|

WINTER TERM.

- | | | | | | | |
|----|----------|---|---|---|---|-------------------|
| 1. | Physics, | . | . | . | . | 3 hours per week. |
| 2. | Physics, | . | . | . | . | 3 hours per week. |
| 6. | Physics, | . | . | . | . | 8 hours per week. |

SPRING TERM.

- | | | | | | | |
|----|------------|---|---|---|---|-------------------|
| 3. | Physics, | . | . | . | . | 4 hours per week. |
| 4. | Physics, | . | . | . | . | 4 hours per week. |
| 1. | Astronomy, | . | . | . | . | 4 hours per week. |

1 and 2 are theoretical and experimental courses in General Physics. The work given in them includes the elements of measurement; kinematics; dynamics; mechanics of solids, liquids and gases. Courses 3 and 4 are a combination of the above, including the elements of heat, sound, light, electricity and magnetism.

Courses 1, 2, 3 and 4 are required of the Sophomore class. An earnest effort has been made to devise experiments to test the natural laws, show the phenomena, and illustrate all the theories brought to the attention of the student throughout these courses. Without such tests and illustrations the study of Physics is difficult and uninteresting.

Courses 5 and 6 consist of laboratory work, accompanied by individual instruction in the use of instruments of measurement. All experiments are quantitative. The student is taught the use of such instruments of precision as the vernier, micrometer caliper, microscope, spherometer and comparator; makes accurate determinations of the force of gravity, density and elasticity of various substances; and performs many fundamental experiments in sound, light, electricity and magnetism.

The course in Astronomy was elected by 29 Seniors, The usual work in General Astronomy was supplemented with practical observation with the telescope and with laboratory experiments.

Concerning the condition of the laboratory apparatus at the beginning of the year I beg leave to refer you to Professor Drisko's accurate report from this department last year. During the year I have devoted more than 950 hours, outside of my regular work, to the repairing of apparatus, and have restored to a working condition equipment to the value of \$900. There is yet much to be done along this line, but the work cannot proceed farther until the work-shop is provided with a small lathe and the necessary metal working tools. The department already possesses a good work-shop which could be equipped at a very reasonable cost. Such an equipment would pay for itself within a year by making it possible for the instructor and students to repair and construct much needed apparatus.

No new apparatus has been added during the year in the hope that rigid economy would enable the department to secure for next year the much needed equipment for its work-shop.

Respectfully submitted,

CLARK W. CHAMBERLAIN.

HISTORY AND POLITICAL ECONOMY.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

The courses in History and Political Economy have been given this year in the order in which they are announced in the catalogue of 1899-1900. A rearrangement of the courses as announced in the current catalogue for 1900-1901 will go into effect next year and will improve the efficiency of the curriculum. For example, there will be a continuous course in English History, Political and Constitutional, 55 B. C.-1900, extending throughout the year; likewise a continuous

course in European History, 306 to 1815, extending throughout the year.

The scope of these courses is outlined in the catalogue. In all of them the general plan has been to use two good manuals, one a narrative or topical text-book, the other a collection of extracts of the sources of history, as texts in which daily assignments are made for recitation. In addition, assignments of private reading are made in selected books, and these books, duplicate copies of which we have in the Department and General Libraries, are issued to the students from time to time. Fortnightly examinations are held to test the knowledge, precision, and diligence of the student and the mastery he has made of the text-book work, his private reading, and such additional matter as has been presented in occasional lectures and informal commentary upon related topics.

Besides, topics are assigned (usually two a term) for investigation and report. These "special reports" are two thousand words or more in length and represent a fair amount of reading. The working bibliographies for these reports include several good references in the best secondary sources and such original sources, (speeches, letters, treaties, state papers, etc.,) as are readily available. They are selected and discussed in personal and written conferences with the instructor. Attention is paid to both form and matter in the preparation and examination of these reports and they are frequently presented orally to the class. In some of the history courses, the preparation of maps to illustrate definite historical events, with accompanying data, is also required of the class.

It is the constant aim of the department not only to stimulate an interest in historical knowledge for its own sake, but to turn such knowledge to account in developing thinking power, good judgment, accurate reasoning, and initiative and confidence in the use of historical material. As a foundation, the student is expected to acquire a considerable amount of historical fact, well ordered and arranged; but the greatest stress is laid upon the philosophy of events, and their logical relations to each other.

The following is a condensed statement of the courses and their statistics for the current year, 1900-1901:

FALL TERM.

	Hours per week.	No. in class.
Political Economy, elective for Juniors and Seniors,	4	34
History—Renaissance and Reformation, elective for Juniors and Seniors, ...	4	15

WINTER TERM.

Advanced Political Economy—Money and Banking, elective for Juniors and Seniors, ...	4	9
English Political and Constitutional History, 55 B. C. to 1603 A. D., ...	4	21

SPRING TERM.

American Political and Constitutional History, 1789 to 1870, elective for Juniors and Seniors, ...	4	12
English Political and Constitutional History, 1603– 1900, ...	4	16

The following books have been added during the year to the Library of the Department:

6	copies of	Taussig's Tariff History of U. S.
2	"	Ely's Socialism.
		Bemis' Monopolies.
		Willoughby's Workingmen's Insurance.
2	"	Ely's Trusts and Monopolies.
8	"	Bonar's Malthus.
9	"	A. Smith's Wealth of Nations (Ashley's Extracts.)
		Conant's Modern Banks of Issue.
		Taussig's Silver Situation.
5	"	H. White—Money and Banking.
10	"	Final Report of the Indianapolis Monetary Commission
4	"	Hausser—Reformation.
5	"	Fisher—Reformation.
		Roscoe—Lorenzo de Medici.
		Putzger's—Historischer Schul-Atlas.
2	"	Köstlin—Life of Luther.
		Ward—Counter-Reformation.
		Poole—Wycliffe.

- 2 copies of Bryce—Holy Roman Empire.
- 3 “ Ploetz—Epitome of Universal History.
 Keltie—Statesman's Year-Book, 1900.
 Whitaker's Almanac, 1901.
 Prothero—Constitutional Documents (Eng.) 1558–1625.
 Gardiner—Constitutional Documents of the Puritan
 Revolution, 1628–1660.
 Traill—Social England, 6 vols.
- 2 “ Green's Short History of the English People.
- 2 “ Taswell-Langmead's English Constitutional History.
- 5 “ Feilden—Short Constitutional History of England.
- 3 “ Gibbins—Industrial History of England.
 Cunningham and MacArthur—English Industrial History.
- 3 “ Freeman's Short History of Norman Conquest.
 Gardiner—Cromwell's Place in History.
- 2 “ Wilson—The State.
- 2 “ Schouler's—History of the U. S., 6 vols.
- 3 “ Stanwood—Presidential Elections.
- 4 “ Schurz—Henry Clay, 2 vols.
- 3 “ Morse—Abraham Lincoln, 2 vols.
- 3 “ Sumner—Andrew Jackson.
- 3 “ Jevons—Money and the Mechanism of Exchange.
- 2 “ Bagehot—English Constitution.
- 3 “ Walpole—Electorate and Legislature.
- 3 “ Traill—Central Government.
 Gee and Hardy—Documents illustrative of English
 Church History.
 Morley—Walpole.
 Boyle—Selections from Clarendon's Rebellion.
 Giles—Six Old English Chronicles.
 Medley—English Constitutional History.
 Adams—British Orations, 4 vols.
 Russell—Gladstone.
- 2 “ Lodge—Daniel Webster.
- 3 “ Lodge—Alexander Hamilton.
- 3 “ Von Holst—John C. Calhoun.
 Foster—Century of American Diplomacy.
 Henderson—Side Lights on English History.
 Hughes—Alfred, the Great.

These books were purchased out of the fund contributed by the students of the department each year for the maintenance and extension of the Library of the Department of History and Political Economy.

These gifts are highly appreciated as they afford us some additional material requisite for the proper conduct of the work.

The needs of the Department are still many and pressing. More books and maps are needed. A division and expansion of the department is essential to keep us in line with the colleges of our size and grade in New England. These and other needs have been mentioned in previous reports and if the financial condition of the college does not warrant our taking a forward step in meeting them at this time, they at least should be kept in mind with the prospect and hope that at an early date ways and means may be forthcoming for the essential and logical expansion of the work of this department.

I have delivered during the year six public lectures in different parts of the State.

Respectfully submitted,

J. WM. BLACK.

MINERALOGY AND GEOLOGY.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

The work of the current year has proceeded along the same lines as in the preceding year. The courses given and the number of students in each are indicated below:

<i>Course.</i>	<i>Class.</i>	<i>Number in class.</i>	
Botany,	Sophomore,	24 men,	16 women
Physical Geography,	Junior,	16	4
Mineralogy,	Senior,	4	
Inorganic Geology,	Senior,	9	
Organic Geology,	Senior,	7	
Advanced Mineralogy,	Senior,	1	
Petrography,	Senior,	1	

No changes have been made in the methods of instruction in any of the courses except the organic geology. The addition of the two weeks gained by the abolition of the Senior vacation has enabled the

instructor to introduce into this course a little laboratory work in the determination of fossils—something that has long been sorely needed to round out the course. We are, however, sadly hampered in the attempted work by lack of laboratory material. The sum of twenty-five (\$25.00) dollars applied to the purchase of 50 or 60 common fossil types would place the geology courses on a good basis.

The only additions that have been made by purchase to the permanent collections of the department are a set of botanical charts, a few maps and a few lantern slides. All the other expenditures were for the current needs of the classes.

The college has, however, within the past year come into the possession of a set of shells through the kindness of Mrs. John Hamlin and Miss Eliza Mayo. This collection which numbers 550 species is a welcome addition to the fine collection already in the museum. It moreover possesses especial interest from the fact that it was a portion of the private collection of the late Chas. E. Hamlin, formerly professor of Natural History at Colby. It is to be hoped that some means may be found in the near future to install the large number of shells now stowed away in drawers and boxes, in such manner that they may be exhibited.

The needs of the department are still numerous. The greatest needs are the set of fossils referred to above and a set of the Coast Survey plats for use in the Physical Geography course.

Respectfully submitted,

W. S. BAYLEY.

ZOOLOGY.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

As Instructor of Zoology I submit the following report:

The course in Zoology was elected by nine men and two women. Of this number eight anticipate the study of medicine. Four two-hour periods per week have been devoted to this study. One hour each week is used as recitation or "quiz." A written examination is

given every two weeks. Each student has been required to give an article on some subject requiring a considerable amount of preparation.

The fall term was spent in the study of the Invertebrate forms, beginning with the simplest and working to the complex. The winter term was entirely devoted to the Vertebrate work.

The following Vertebrate forms were considered: Tunicate, Amphioxus, Fish, Frog, Tadpole, Turtle, Fowl, and Cat. Special attention has been given to the morphology of the cat, as it very closely resembles the human anatomy. All of the Vertebrate work has been made comparative as far as possible.

For a class text-book "Parker and Haswell" has been used. For laboratory guides to dissection we have used "A Laboratory Guide to the Dissection of Invertebrate Forms," by Bumpus, and other works. For the special work on the cat "Gorman and Tower" and "Mivart" have been used. Also, the human anatomies of "Gray" and "Ger-rish" have been used for reference and study during the Vertebrate work.

The course in Zoology, as required by our catalogue, terminates for the year, with the winter term. This year, however, the Faculty granted a petition from the students that the course be extended through the spring term. In addition to the previous members of the class, the extended course was elected by four Seniors, who had taken the usual work in Zoology during their Junior year. This term's work in Zoology has largely been devoted to the preparation and study of Histological specimens. Special work has been done on the brain and organs of special sense. Also, the students have received instruction in Physiology, those subjects considered not having been taken up in Dr. Elder's course.

The work done by the students has been fairly satisfactory. Each student has been required to carefully dissect, and accurately draw the anatomy of the different specimens considered. The course of study conforms to similar courses given by the Institutions in this, and the New England states. I have conformed to the requirements of the medical colleges for this kind of work, and it gives me pleasure to state that several of the first medical schools in the country have decided to accept this course as here given, and exempt our students from

similar courses which they require during their first year in medicine. One of the students has received a fellowship from Tufts College, where he will continue the study. While the equipment of the department is far from complete, yet it is sufficient to make good work possible. Several additions have been made to the museum the past year.

I trust that the course in Zoology may be extended throughout the year. Such an extension will make the department compare favorably with other institutions in the State.

Respectfully submitted,

M. W. BESSEY.

PHYSICAL CULTURE.

MEN'S DIVISION.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

Work in the gymnasium was required of every student and was continued throughout the three terms.

In the early part of the fall term each member of the Freshman class, of the Men's Division, was given a thorough physical examination and a course of exercise prescribed as seemed best to strengthen him or correct his deformities.

In the fall and spring terms the students had the option of taking part in field events or the work in the gymnasium.

Those not taking part in field events and who were physically capable were required to exercise in the gymnasium four hours a week under the direction of the instructor.

The work for the men consisted of drill and squad exercise. Drill exercises were given with dumb bells, Indian clubs, foils and broad swords. For the squad work the class was divided into several classes, each under the direction of a competent student assistant. This work

consisted of class work on the several pieces of apparatus and finally mat work for those best suited for it.

The women of the college were given light gymnastics, after which instruction was given in basket ball.

I regret to say that the annual athletic exhibition had to be given up this year, owing to sickness among the men. In the spring term outdoor work was again taken up and those not engaged in baseball were given instruction in field and track events to prepare them to participate in the annual field day between the Maine colleges.

It has been the aim of the Director to give such work as was best adopted to the needs of each student and at the same time work that would place them on a higher standard of college athletics.

The work of the department is shown in the following table :

THE MEN'S DIVISION.

FIRST TERM.

Seniors,	.	.	.	.	.	4 hours per week.
Juniors,	.	.	.	.	.	4 " " "
Sophomores,	.	.	.	.	.	4 " " "
Freshmen,	.	.	.	.	.	4 " " "

SECOND TERM.

Seniors,	.	.	.	.	.	4 hours per week.
Juniors,	.	.	.	.	.	4 " " "
Sophomores,	.	.	.	.	.	4 " " "
Freshmen,	.	.	.	.	.	4 " " "

THIRD TERM.

Seniors,	.	.	.	.	.	4 hours per week.
Juniors,	.	.	.	.	.	4 " " "
Sophomores,	.	.	.	.	.	4 " " "
Freshmen,	.	.	.	.	.	4 " " "

THE WOMEN'S DIVISION.

SECOND TERM.

Seniors,	.	.	.	.	.	2 hours per week.
Juniors,	.	.	.	.	.	2 " " "
Sophomores,	.	.	.	.	.	2 " " "
Freshmen,	.	.	.	.	.	2 " " "

THIRD TERM.

Seniors,	.	.	.	.	.	2 hours per week.
Juniors,	.	.	.	.	.	2 " " "
Sophomores,	.	.	.	.	.	2 " " "
Freshmen,	.	.	.	.	.	2 " " "

Respectfully submitted,

A. M. FREW.

WOMEN'S DIVISION.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

At the beginning of the year a physical examination was given the members of the Freshman class. The Physical Culture exercises have been adapted to the special needs of the young women.

At one meeting of the Freshman class Dr. Bessey gave a lecture on "The Care of the Health."

Dr. Emerson's System of Physical Culture is used together with exercises from the Swedish System, marching and fancy steps.

VOICE CULTURE.

The instruction in voice is given in connection with the physical culture and expression.

The purpose is to strengthen the voice, to give it beauty, and to teach the individual how to use it in ordinary conversation and in public speaking.

EXPRESSION.

The Sophomore and Freshman classes have worked in this department. A book entitled Psychological Development of Expression is used. The work is arranged according to the principles of psychology, the first step being intellect, thought, conception; the second, egoistic emotion; the third, will, direction; the fourth, physique, animation.

In each step selections are used from standard authors.

The Sophomores have also studied in dramatic forms the court scene from the Merchant of Venice. The purpose is to work from the mind side entirely and give the student ability to think and express thought acceptably.

At one session President Butler gave his lecture on "The Relation of Expression to Literature" before the assembled Women's Division.

Owing to the large number in the entering class it was divided for the first two terms.

The hours are as follows:

FIRST TERM.

Seniors, ...	1 hour per week.
Juniors, ...	1 hour per week.
Sophomores, ...	2 hours per week.
Freshmen, First Division, ...	2 hours per week.
Freshmen, Second Division, ...	2 hours per week.
Specials, ...	2 hours per week.

SECOND TERM.

Seniors, ...	1 hour per week.
Juniors, ...	1 hour per week.
Sophomores, ...	2 hours per week.
Freshmen, First Division, ...	2 hours per week.
Freshmen, Second Division, ...	2 hours per week.
Specials, ...	2 hours per week.

THIRD TERM.

Seniors, ...	1 hour per week.
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Juniors, ...	1 hour per week.
Sophomores, ...	2 hours per week.
Freshmen, ...	2 hours per week.
Specials, ...	1 hour per week.

Respectfully submitted,

MARGARET KOCH.

THE LIBRARIAN.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

The Library has received by gifts and exchanges during the past year 828 volumes. By binding periodicals 57 volumes have been added. The number added by purchase is 75 volumes. The whole number of books now entered on the accessions books is 36,760.

From the U. S. Government, as one of its depositories, the Library has received 314 volumes. The large annual increase in the publications of the different departments of the government is a constant reminder that our shelf room is nearly exhausted.

The demand for the best and latest books in various lines of instruction can only be partially met by the limited funds available at the present time. The regular work of some departments of the college requires consultation and reading of thousands of volumes, and their wants can only be partially supplied. While many libraries show a large falling off in their patronage, we are able to report a steady increase. The loans to undergraduates last year amounted to 6,160 books, which is 360 in excess of the previous year.

In several instances the aid of the Library has been requested and granted to reading clubs and students beyond the vicinity of Waterville. The graduating classes of the Institute and High School have found some assistance here as in former years.

Among the donors of valuable books this year mention should be made of Hon. R. C. Shannon, Dr. Samuel A. Green, Dr. Wm.

Mathews, Prof. Shailer Mathews, Dr. John O. Marble, Hon. Eugene Hale, Hon. Wm. P. Frye, and President Butler.

Hon. E. S. Converse, of Boston, has given to the Egypt Exploration Fund \$125.00 to constitute the Library a life-member of that society, entitling it to receive the volumes of its publications as issued. Mr. Herbert C. Libby, of Waterville, has given \$20.00 for the purchase of books.

A course of lectures was given on Saturday mornings of the fall term to the Sophomore class on the general subject of Books and Libraries. The object of this course is to direct the student in the use of libraries in general and of our own especially, as well as to instruct in a great number of topics concerning books. Professor Roberts kindly gave a lecture on Reading.

The class of 1902 at their Presentation Day exercises, intend to supply the Library with fixtures and lamps for electric lighting.

Respectfully submitted,

EDWARD W. HALL.

FINANCIAL SECRETARY.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

The report of the Financial Secretary for the year ending May 1st, 1901, is herewith submitted:

The beloved Newell T. Dutton, incumbent of this office during a portion of the last fiscal year, died Nov. 5th, 1900, without a moment's warning; yet so far as the records and accounts of his office are concerned they could scarcely have been more complete and satisfactory if he had had weeks to prepare for the laying down of his task. My appointment as his successor went into effect Jan. 15, 1901, the work of the office having been cared for meantime by the President and Registrar of the college.

It is not necessary doubtless to remind the trustees that Mr. Dutton was at work upon his second subscription of \$75,000, the first, of

\$60,000, having been completed. Upon the second subscription it will be remembered the American Baptist Education Society had pledged \$15,000 conditioned upon \$60,750 being secured in reliable pledges by Jan. 1st, 1901, to be paid within five years.

The books of the second subscription when placed in my hands were found to contain pledges for the following amounts:

General Fund,		\$ 3,924
Hebron Dormitory,		10,179 30
Coburn Classical Institute,		610
Ricker " "		1,137
Higgins " "		20,080
Chemical Laboratory,		150
Total,		\$36,080 30

Of this amount \$20,000 pledged to Higgins Classical Institute was conditioned upon the maintenance of the integrity of the union between the College and Higgins Classical Institute.

Assuming that the union would be maintained Mr. Dutton proposed to secure the remaining \$25,000 to complete the subscription from the churches of Maine in annual instalments of \$5,000 per year for five years. He had presented this plan in every section of the state and its feasibility when supplemented by the requisite patience and toil on the part of pastors and financial secretary was generally recognized. The work of securing the definite pledges from individuals on behalf of the churches was however untouched when I came to the office. This work among the churches I have begun as affording the best prepared field for present solicitation. The time for pledging the remaining \$25,000 has been extended to Jan. 1, 1902.

Considerable time and labor was required, at the beginning, to familiarize a stranger with the situation and to acquire sufficient knowledge of affairs to intelligently present college interests to an inquisitive public. For this reason no soliciting was undertaken until March. Interruptions incident to the beginning of the work together with the care of collecting former subscriptions occupied more than one-half the time of the last two months of the year.

The subscriptions received to May 1st amount to \$2,160.25. The

collections from Jan. 15th to May 1st have been: upon the first subscription \$2,636.26, upon the second subscription \$1,076.71. Total, \$3,712.97.

This work of securing subscriptions from the churches, while necessarily slow and laborious, will be especially fruitful in quickening intelligent and sympathetic interest in our educational institutions among their natural patrons and constituents. It may be found necessary to supplement this method by a contemporaneous effort among the graduates as suggested by President Butler in his report.

Respectfully submitted,

C. E. OWEN.

Reports of Academies.

COBURN CLASSICAL INSTITUTE.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE :

In accordance with the vote of your board at its last annual meeting, the committee to whom the matter was intrusted drew up an act to incorporate the Trustees of Coburn Classical Institute. This was duly passed by the State Legislature and received its final approval on March 8, 1901. A copy of the act follows :

An Act to incorporate the Trustees of Coburn Classical Institute:

Be it enacted by the Senate and House of Representatives in Legislature assembled, as follows:

SECTION 1. Nathaniel Butler, Franklin W. Johnson, George D. B. Pepper, Horace Purinton, Leslie C. Cornish, Edwin C. Whittemore, Horatio R. Dunham and Cyrus W. Davis are hereby created a corporation by the name of Trustees of Coburn Classical Institute, for the purpose of maintaining a literary institution in the city of Waterville with all the powers of similar corporations, including the power to make and establish by-laws and regulations for the management of its affairs and the proper government of the institution.

SECTION 2. Said corporation shall be governed and its powers exercised by a board of not exceeding seventeen trustees, of which the president of Colby College and the principal of Coburn Classical Institute for the time being shall, *ex-officio*, be members. At the organization of the corporation, the number of other trustees shall be fixed by the by-laws and shall be divided as nearly as may be into three classes; one class shall be elected for one year, one for two years and one for three years; and at each annual meeting thereafter, members shall be elected by the board in place of those whose terms shall expire, and any vacancies in the other classes shall be filled.

SECTION 3. Said corporation may use the real estate held in trust for it, and the income of all funds held in trust for it, by the president and trustees of Colby College, in accordance with the trust by which they

are so held and with such arrangements as shall from time to time be made with said president and trustees; and may also take and hold for the purposes of its creation, property in its own right to the amount of one hundred and fifty thousand dollars.

SECTION 4. This act shall take effect when approved.

In accordance with the terms of this bill, the incorporators therein named met on May 9th and elected the following additional members of the board of trustees: Frederic E. Boothby, Portland; George K. Boutelle, Waterville; Fred M. Preble, Auburn; George O. Smith, Washington, D. C.; George W. Lord, Calais; William T. Haines, Waterville; Norman L. Bassett, Augusta; J. Frederick Hill, Waterville; Allen P. Soule, Boston, Mass. The annual meeting has been appointed for Saturday, June 22, at which time a permanent organization will be effected.

In my last report I suggested that the persons composing the board should be drawn from three classes, viz., members of the Baptist denomination, graduates of the school, and men interested in the development of Waterville. How fully this suggestion has been carried out may be seen from the fact that of the seventeen trustees there are ten Baptists, nine graduates of the school, and ten residents of Waterville. It is also worthy of notice that nine of the board are graduates of Colby College and several others are intimately identified with the college. I feel sure that the membership of this board will seem to carry out in full my proposal which met your favorable action at your last meeting.

A question naturally arises as to the powers and responsibilities which fall to this new board. It is desirable that these be defined as explicitly as possible. Unless these have been defined in connection with the other affiliated academies in a way to apply to this school also, I would urge that immediate attention be given to the matter. I would also suggest that the larger the powers and responsibilities conferred upon the trustees of the school, the more effective are they likely to prove in promoting the interests of the school and college.

The attendance for the year has been somewhat larger than that of last year. The number enrolled has been 164. Of these 134 have pursued regular courses as follows: College Preparatory, 82; English-Scientific, 41; Latin-Scientific, 11. The Senior class numbers 36

of whom 23 are in the College Preparatory course. So far as can now be determined these will enter college as follows: Colby 13, University of Maine 5, Bowdoin 2, Massachusetts Institute of Technology 1.

Miss Lulu M. Ames, who was a substitute teacher for one term of last year, has taught French and German for the year. Her work has been very satisfactory. Charles F. Towne taught for the first two terms, when he resigned. He was an excellent instructor. His place has been filled acceptably during the last term by George W. Thomas of the Sophomore class at the college. The other teachers are the same as formerly.

Respectfully submitted,

FRANKLIN W. JOHNSON.

RICKER CLASSICAL INSTITUTE.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

The year which has just closed at Ricker Classical Institute has left behind it both sad and pleasant memories. The most valuable possessions of such an institution as this are its friends, and when one is taken away, the loss is keenly felt. By the death of Rev. N. T. Dutton, a devoted and loyal friend and trustee, Ricker Institute is much poorer today than it was one year ago. The local board of trustees has to regret the removal to another field of labor of Rev. C. E. Owen, in whose wise counsel both trustees and teachers had much confidence.

So far as the school itself is concerned, we can say it has been a good year. The whole number of students enrolled for the year has been 144, four more than last year, but the average attendance has been 109, one less than last year. A much larger proportion of these students than ever before have come from other towns than Houlton.

A class of 19 graduate this June, ten of whom have completed the regular College Preparatory course, seven the course without Greek,

and two the Normal course. Six in the College Preparatory course are young men, and eleven young ladies.

The teaching force was increased at the beginning of the year by the addition of Mr. Percy E. Gilbert, Colby 1900, thus making possible a more complete division of the work into departments. All of the Greek has been taught by Principal Thomas, the Latin by Miss Morrill, mathematics and pedagogics by Mr. Felch, modern languages by Miss Russell, sciences by Mr. Gilbert, and rhetoric and elocution by Mrs. Thomas. Miss Flanders has continued at the head of the music department.

General harmony has prevailed between teachers and students and no case of severe discipline has been found necessary. The physical welfare of the students has been cared for through the medium of football, basket ball and baseball, and by the preparation for an indoor exhibition which was given at the close of the winter term.

The religious meetings have been well attended and growth in religious life has been marked in several cases. At the beginning of the spring term a branch of the Y. W. C. A. was organized from which good results are looked for in the coming terms. Through the efforts of the students money has been raised to send two delegates to the Moody summer conferences.

The dormitory has been well filled during the entire year, and its rental has been a larger source of income than usual. And yet with its present endowment the Institute will be compelled again to report a deficiency in meeting current expenses.

Respectfully submitted,

CHAS. E. WILLIAMS.

HEBRON ACADEMY.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

The year at Hebron has been one of good attendance, hard work, and of remarkable self-control on the part of all the students, and

unusually free from necessity of annoying discipline. The moral, intellectual and spiritual condition has been helpful and rational.

The two previous years have wrought great changes at Hebron. A vast amount of grading and road making, and the erecting of a dormitory costing \$75,000 or \$80,000 dollars, together with the putting in of a water system costing \$23,000 dollars has necessitated on the part of all here an adjustment to a greatly changed environment, habits and conduct. And while in due time all these things will enhance the facility of teaching and discipline, they nevertheless tax greatly the mind of teacher and pupil in the process of adaptation to them.

The working of the dormitory has been perfect; the comforts over the old condition of things can not be numbered. There has been absolutely no sickness on the part of the girls. One of the pleasantest school features in the principal's experience is the gathering in the dining room three times a day. The influence on conduct and deportment because of the beauty of the dining hall, the presence of teachers and young men and women together in such environment has the value of a new department in the school. Sturtevant Home, at Hebron Academy, offers the very best conditions to a girl's school life, and we can there make a home for them with plenty of sunlight and plenty of bath rooms under the best sanitary conditions.

The teaching force has been the same as in past years with the exception that Miss Lavina S. Morgan has been absent to pursue special studies at the college. The literary and social life has made great advancement under the advantages offered in Sturtevant Home. The athletic work in the gymnasium has been under the direction of a graduate of the college, Mr. Charles E. Fogg, and he has proved himself an excellent man. Several excellent addresses have been given to the students during the year. Professor Black made us a visit representing the college, and Professor Roberts, by invitation, addressed the Literary Society.

We need a large increase in our endowment and teaching force in order to meet the demands of the college and world upon our work.

Respectfully submitted,

W. E. SARGENT.

HIGGINS CLASSICAL INSTITUTE.

TO THE PRESIDENT AND TRUSTEES OF COLBY COLLEGE:

The entire number of students enrolled during the past year is 122, the largest number in the history of the Institute. The school has outgrown its present accommodations in the Institute building and it is impossible to secure suitable boarding places for all who desire. The Trustees, therefore, have made provision for the erection of a new building and a new dormitory. Work has already begun and it is expected that the buildings will be ready for occupancy at the opening of the spring term 1902. Both of the buildings are being built on the lot now occupied by the small Institute building which will be moved to the rear of the dormitory and used as a kitchen and dining room. The dormitory will be a wooden building of modern colonial architecture, three stories in height. Its two sides are built entirely separate. One will be reserved for the use of the young women and the other for the use of the young men. The building will have in all forty rooms of good size, each designed for the occupancy of two persons. The structure will be 115 feet long and 42 feet wide, finished throughout inside with hard wood, with the best of modern plumbing, steam heat, and its own gas plant. There will be a trunk elevator and all other conveniences. The cost of the building, not including furniture and fixtures, will be \$10,000.

The Institute building will be of brick with granite trimmings, 110 feet long and 60 wide, three stories and a half high. It will have a slate roof, modern sanitary plumbing, heating and ventilation. There will be an assembly hall, eight class rooms, a library, reading room, and physical and chemical laboratories. This building will accommodate 200 students. The cost of the building alone will be \$20,000.

A gymnasium is also to be erected, but the plans for that are not yet complete.

Several changes have been made in the courses of study. A Preparatory year has been added to meet the needs of those who have not received the training necessary to enable them to enter one of the regular courses. Two years of English and one of year of Science have been added to the College Preparatory course. Provision has been

made for a Teachers' Training course of four years. The changes in the courses of study will necessitate the addition of one or two more teachers. In order to complete the work of the courses as now arranged the school year has been lengthened to thirty-six weeks.

A class of ten, seven young men and three young women, was graduated this spring. Of that number three will enter the University of Maine, one will enter Colby, and the others are not contemplating a college course. Of the twenty graduated last spring six are now in Colby, one in Bates and one in Harvard.

The Institute is drawing students each year from a large territory, and with the prospect of new buildings, extended courses of study, and the completion of the electric road from Bangor the future was never brighter than at the present time.

Respectfully submitted,

H. W. FOSS.

